

ROOFING TILE

A Detailed Reference
for Architects' Use

Compliments
LUDOWICI-CELADON COMPANY
Chicago, Illinois

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HORACE WHITE,
TILE ROOFING
848 HOWARD AVE. PHONE MAIN 2771
NEW ORLEANS, LA.

EDMUND B. MASON,
ARCHITECT

ROOFING TILE

*A Detailed Reference
for Architects' Use*

THIS BOOK IS AN ILLUSTRATED TECHNICAL
PRESENTATION OF VARIOUS FORMS OF
ROOFING TILE, TOGETHER WITH NECESSARY
DATA ON TILE ROOFING CONSTRUCTION



LUDOWICI-CELADON COMPANY
OF CHICAGO

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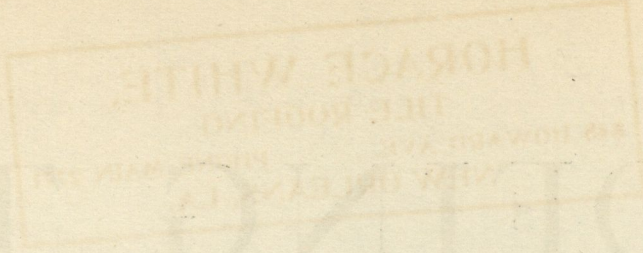
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HORACE WHITE,

TILE ROOFING

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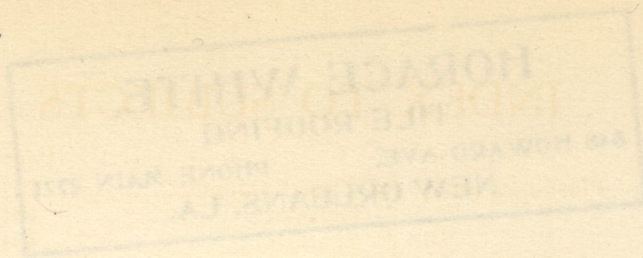
TO ARCHITECTS AND ENGINEERS

The details of tile and metal treatments grouped in this book are necessarily limited to those covering methods of construction usually found in our work.

We solicit the opportunity during the preparation of your plans to suggest or detail tile treatments for special forms of construction, with a view of allowing the use of stock materials for decks, etc., and to eliminate the need for providing special tiles at an increased expense.

While an attempt has been made to have the proper trimmings, etc., in sequence following the tile pattern, some departure has been necessary and an index has been arranged to which we refer you.

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TO ARCHITECTS AND ENGINEERS

The details of the roof and the treatment of the roof are presented in this book are presented in a form which is of assistance to the architect and engineer in the design of the roof.

We submit the opportunity during the preparation of your plans to suggest or detail the treatment of the roof in connection with a plan of showing the use of the roof for the building and to illustrate the need for providing against the increased expense.

We are an American firm and we are in a position to handle the design of the roof in connection with the design of the building and to illustrate the need for providing against the increased expense.

INDEX TO SUBJECTS

	Page
Brick Walls, flashing against.....	103
Cement, elastic, for hips.....	105
Closed End Ridge:	
(For Spanish or German) No. 206.....	15
(For Closed Shingle or English) No. 211,	
No. 203.....	43, 50, 73
(For Mission or Roman) No. 213.....	82
Closed Shingle tile.....	36, 55
" " " roof sketches.....	35, 45, 53, 54, 55
Concrete roof base, strips for tile.....	106
" " " valleys.....	100
Construction details:	
"Imperial" Closed Shingle.....	53, 54, 55
" English.....	72, 73
" German.....	32, 33, 34
" Spanish.....	19, 20
Cresting (see Ridge).	
Cut Hip Tile, showing cement pointing.....	105
Decks:	
Raised, with mould and metal work,	
.....	93, 96, 97, 101
Sunken, with mould and metal work.....	94, 95, 96
Deck Mould:	
(For Spanish or German) No. 206.....	14, 93
(For Closed Shingle or English) No. 211,	
No. 203.....	42, 49, 97
(For Mission) No. 213.....	81, 101
Detached Gable rake, Closed Shingle.....	38, 54
" " " English.....	58, 73
" " " German.....	23, 33
" " " Mission.....	77
" " " Roman.....	90
" " " Spanish.....	8
Dormer flashings.....	98, 99
Eave, Closed Shingle.....	37, 52
" Closure, "Imperial" Mission.....	76, 85
" " " Roman.....	89, 92
" " " Spanish.....	8, 12
English tile.....	57, 73
" " roof sketches.....	56, 64, 72, 73
Flashings, against brick walls.....	103
" dormer bases and sides.....	98, 99

	Page
Flashings, gutter for Closed Shingle.....	105
" " " German.....	104
" " " Spanish.....	104
" perpendicular walls.....	98, 102
" raised decks.....	93, 96, 97, 101
" siding tile meeting roof.....	102
" stucco walls.....	100, 103
" sunken decks.....	94, 95, 96
" valleys.....	101
" " on concrete roof base.....	100
Gable Rake (see Detached Gable Rakes).	
" Terminals.....	16, 20, 29
German Interlocking Tile:	
(Continental).....	22, 33
Roof sketches.....	21, 32, 33, 34
Greek tile.....	91
Gutter flashings.....	104, 105
Hip covers:	
(For Spanish or German) No. 102.....	9, 19
(For Closed Shingle or English) No. 118.....	39, 55
(For Closed Shingle) No. 111.....	46, 53
(For English) No. 120.....	59, 72
(For English) No. H 13.....	64, 65
(For Mission or Roman) No. 109.....	74, 78
Hips, cut.....	105
Hip Starters:	
(For Spanish or German) No. 152.....	10, 12
(For Closed Shingle or English) No. 168.....	40, 55
(For Closed Shingle) No. 161.....	47, 53
(For English) No. 170.....	60, 72
(For English) No. S 13.....	64, 66
(For Mission or Roman) No. 159.....	74, 79
"Imperial" Closed Shingle tile.....	36, 55
" English tile.....	57, 73
" German tile (Continental).....	22, 33
" Greek tile.....	91
" Mission tile.....	74, 75
" Roman tile.....	86, 87
" Spanish tile.....	6, 20
Interlocking Shingle (see Closed Shingle and	
English).	
Interlocking Continental (see German).	

	Page
Lining off roof, Closed Shingle.....	52
" " " English.....	71
" " " German.....	31
" " " Mission.....	85
" " " Roman (or Greek).....	92
" " " Spanish.....	18
Metal Details (see flashings).....	93 to 106
Mission tile.....	74, 75
" " , roof sketches.....	74
Perpendicular walls, flashing.....	98, 102
Pointing, cut hips.....	105
Rakes (see Detached Gable Rakes).	
Raised decks, with mould and metal work.	
.....	93, 96, 97, 101
Ridge tile:	
(For Spanish or German) No. 215.....	5, 11
(For Spanish or German) No. 206.....	12, 13
(For Closed Shingle or English) No. 211.....	41, 55
(For Closed Shingle or English) No. 203.....	48, 73
(For Mission or Roman) No. 213.....	74, 80
Closed Ends (see Closed End Ridge).	
Roman tile.....	86, 87
Roof, lining off (see "Lining off").	
Scuppers through deck.....	95
Siding tile meeting roof, flashing.....	102
Spanish tile.....	6, 20
" " , roof sketches.....	5, 12, 19, 20
Specifications, suggestions for.....	4
Strips for tile in concrete.....	106
Stucco walls, flashing.....	100, 103
Sunken decks, with mould and metal work.....	94, 95, 96
Terminals:	
Two-way (for Roll patterns) No. 405.....	17, 19
Two-way (for Shingle patterns) No. 250.....	44, 55
Gable (for Roll patterns).....	16, 20
Top Fixture, Mission tile.....	74, 76
" " Roman tile.....	88
" " Spanish tile.....	7, 12
Under eave, Closed Shingle.....	37, 52
Valleys, flashing on concrete roof base.....	100
Valley metal.....	101

SUGGESTIONS FOR SPECIFICATIONS

All pitched roofs shall be covered with (*Insert name of Pattern of tile wanted*) Tiles, made by Ludowici-Celadon Company, with stock fittings suitable for each pattern as shown on the following pages; all hip and valley tile to be cut to proper angle (valley tile for roll patterns to be filled) before burning. The tiles as specified above must be of shale, hard burned, of red color, and in accordance with samples deposited in office of the Architects.

PREPARATION OF ROOF—Before roofer is sent for, the owner or general contractor shall construct roofs in strict accordance with plans, sheath roofs TIGHT, have all chimneys and walls above roof line completed, have all vent pipes through roofs, furnish all strips of required width used under hip rolls and ridging, furnish all 1 x $\frac{7}{8}$ inch cant strips used under tile at eaves (if required) and have all scaffolding ready for use of roofers. Metal contractor shall have all gutters in place on roof (gutters, whether box, hanging or secret, to extend over the roof sheathing and cant strip (if cant strip required) and extend under felt and tile at least eight (8") inches) and shall also have in place all valley metal, the width of which must be 24 inches (20 inches on short valleys where conditions are favorable), with both edges turned up $\frac{1}{4}$ " the entire length of valley. Valley metal must be laid over one layer of felt running lengthwise the entire distance of valley. Metal contractor must have in readiness all flashing metal used along side and in front of dormers, gables, skylights, towers, perpendicular walls, also around vent pipes and chimneys, and place same after arrival of tile roofer and in accordance with requirements of the tiles.

LAYING OF FELT—After roofs have been thus prepared to receive felt and tile, tile roofer shall cover sheathing of the roofs with one thickness of asphalt roofing felt, weighing not less than 30 pounds to the square, laying same with a 2 $\frac{1}{2}$ " lap and securing in place with capped nails. Felt shall be laid parallel with eaves and lapped over all valley metal about 4 inches, and laid under all flashing metal and turned up against all vertical walls 6 inches.

LAYING OF TILE—The roof having been thus prepared, tile roofer is to fasten tile with copper nails. Roofer shall see that tiles are well locked together and lay smoothly, and no attempt shall be made to stretch the courses. Tile must be laid so that the vertical lines are parallel with each other and at right angles to eaves.

The tiles that verge along hips shall be fitted close against the hip board, and a water-tight joint made by cementing cut hip tile to hip board with good elastic cement. Each piece of hip roll shall then be nailed to hip board, and hip rolls cemented where they lap each other. The interior spaces of hip and ridge rolls must not be filled with pointing material.

SUGGESTIONS FOR SPECIFICATIONS

All pitched roofs shall be covered with asphalt shingles. The shingles shall be of the standard type, and shall be laid in accordance with the manufacturer's instructions. The roof shall be finished with a waterproofing material, and shall be painted with a suitable paint.

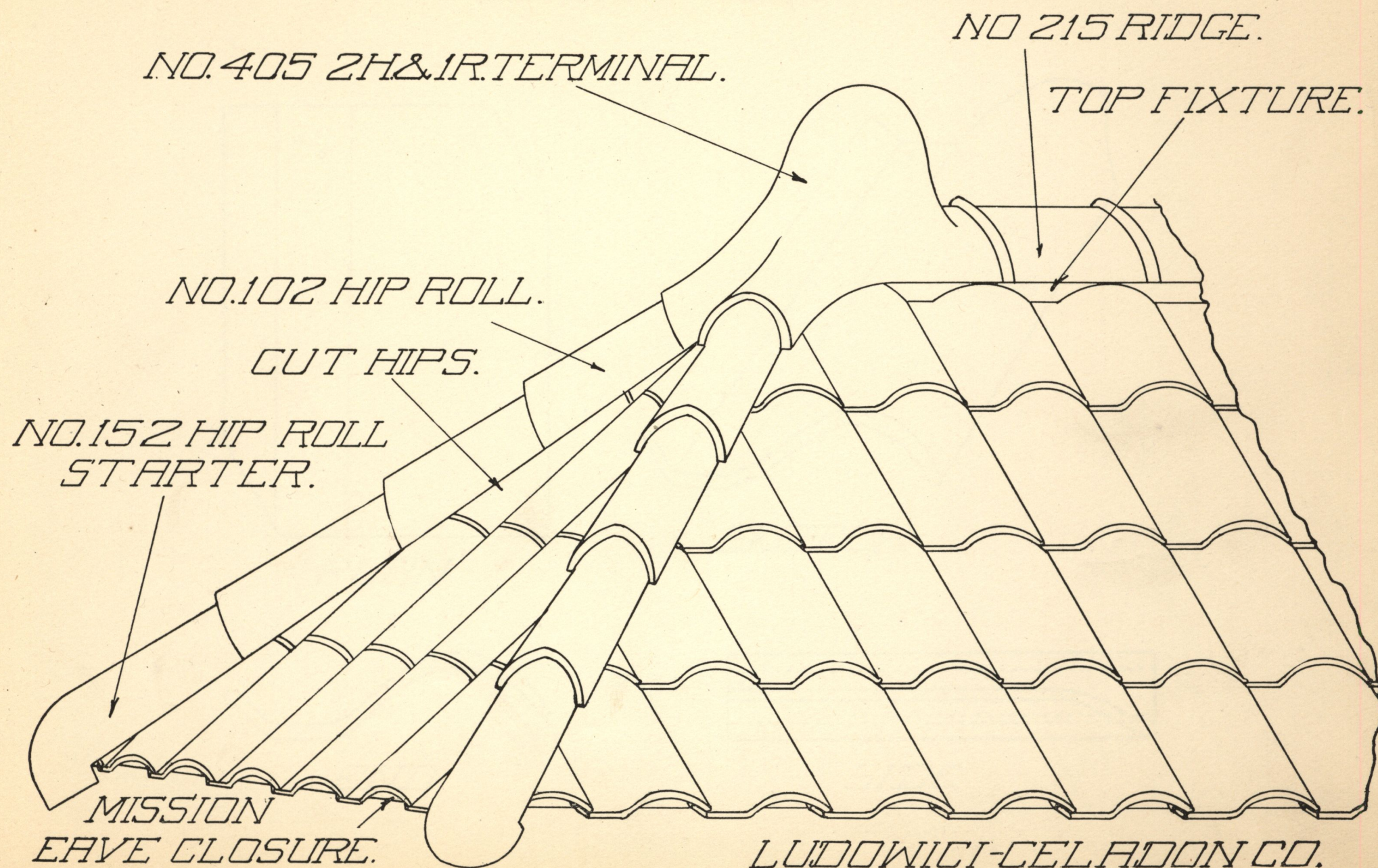
PREPARATION OF ROOF—Before the roof is covered, the roof shall be prepared in accordance with the following specifications. The roof shall be free of all debris, and shall be cleaned with a suitable cleaning material. The roof shall be painted with a suitable paint, and shall be finished with a waterproofing material. The roof shall be inspected for leaks, and shall be repaired as necessary.

LAYING OF SHINGLES—The shingles shall be laid in accordance with the manufacturer's instructions. The shingles shall be laid in a staggered pattern, and shall be fastened with nails. The nails shall be of the standard type, and shall be driven into the roof.

LAYING OF FLASHING—The flashing shall be laid in accordance with the manufacturer's instructions. The flashing shall be laid in a staggered pattern, and shall be fastened with nails. The nails shall be of the standard type, and shall be driven into the roof.

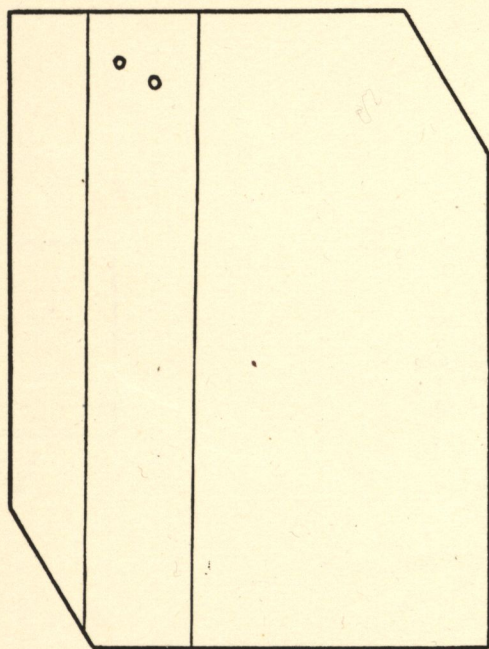
The flashing shall be inspected for leaks, and shall be repaired as necessary. The flashing shall be painted with a suitable paint, and shall be finished with a waterproofing material. The flashing shall be inspected for leaks, and shall be repaired as necessary.

SKETCH OF "IMPERIAL" SPANISH TILE SHOWN WITH
CUT HIPPS, NO.102 HIP ROLL, NO.152 HIP ROLL STARTERS,
NO.215 RIDGE AND NO.405 2H&1R TERMINAL.

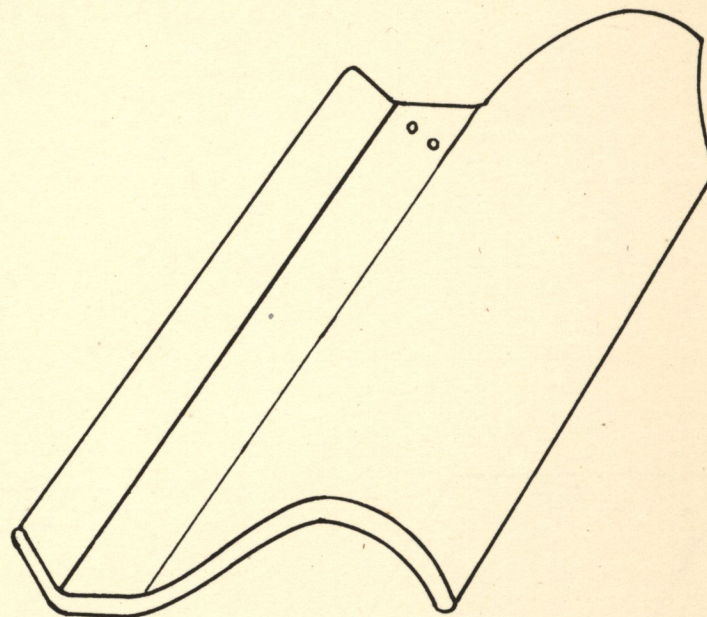




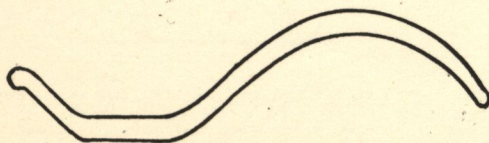
"IMPERIAL" SPANISH TILE
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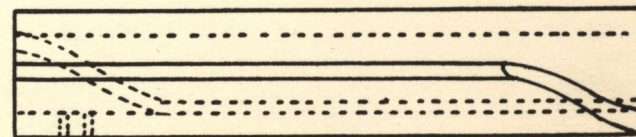
PLAN



SKETCH

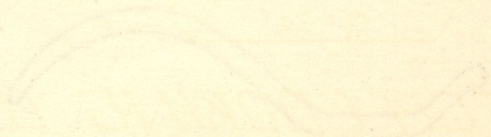
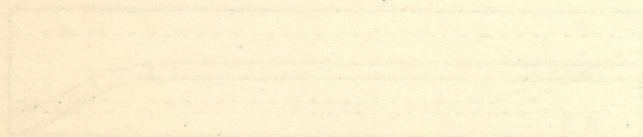
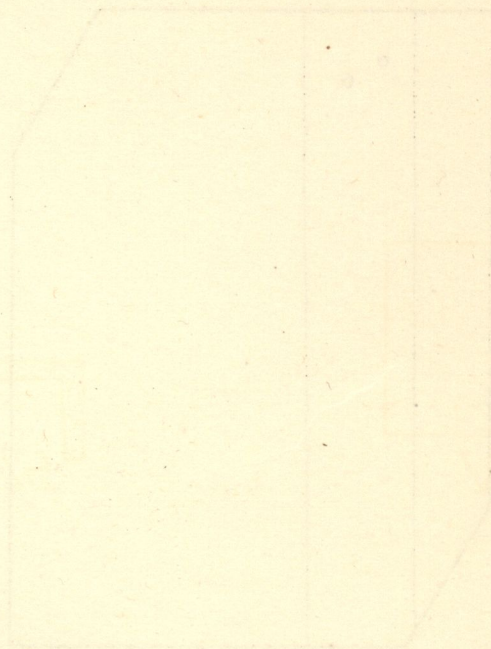


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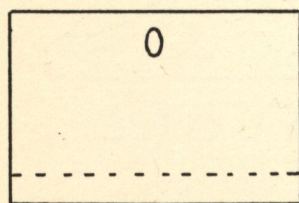


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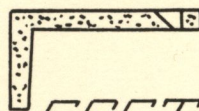
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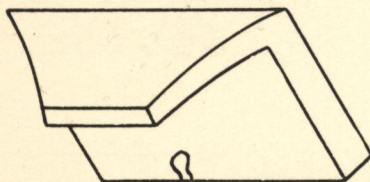
TOP FIXTURE
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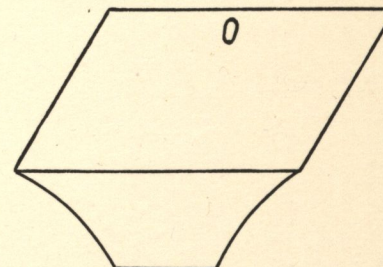
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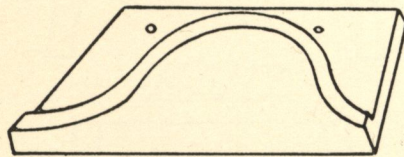
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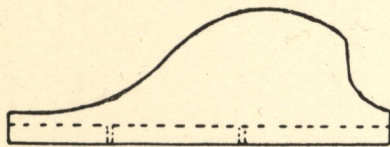
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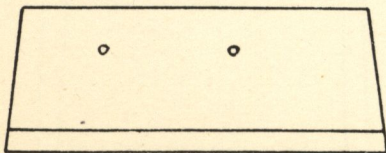
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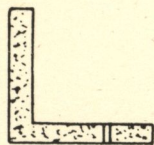
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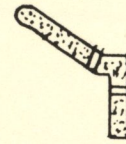
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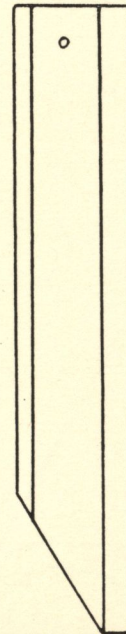
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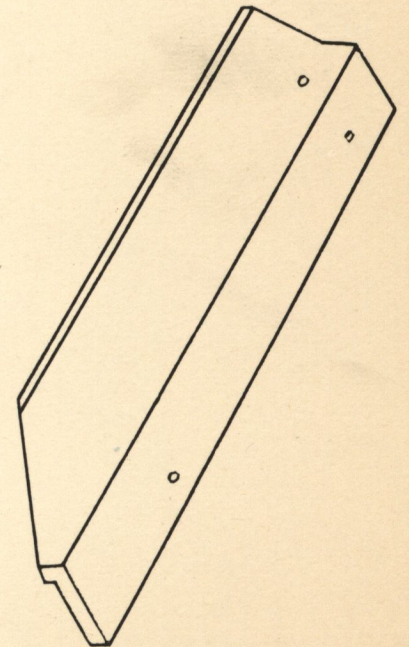
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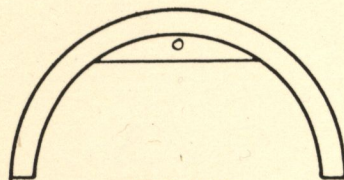
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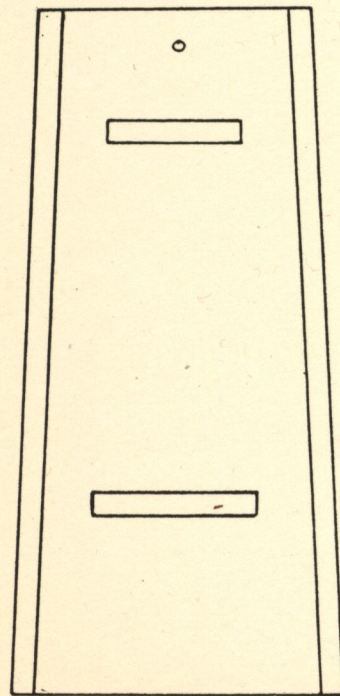
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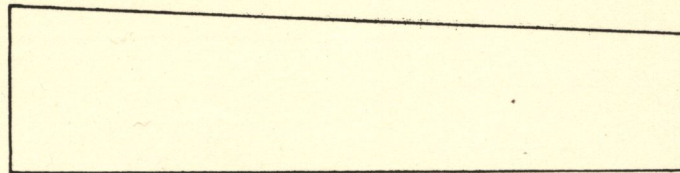
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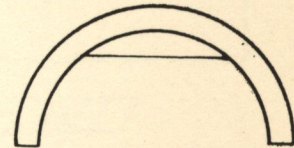
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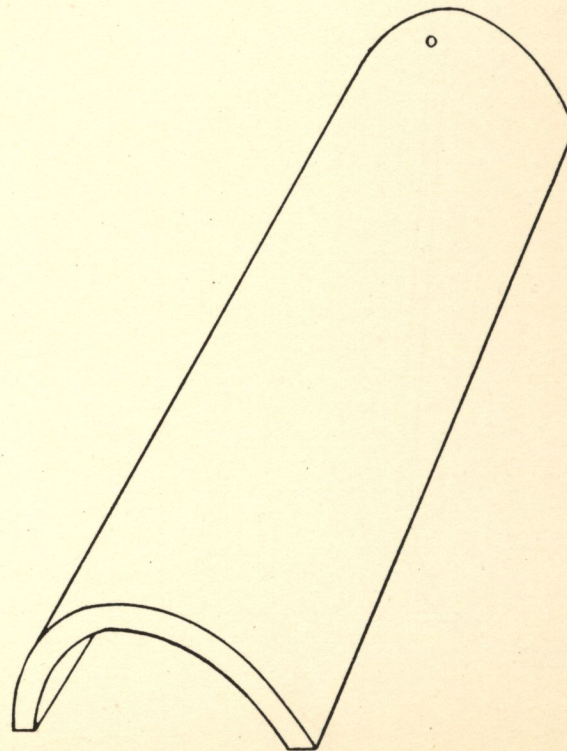
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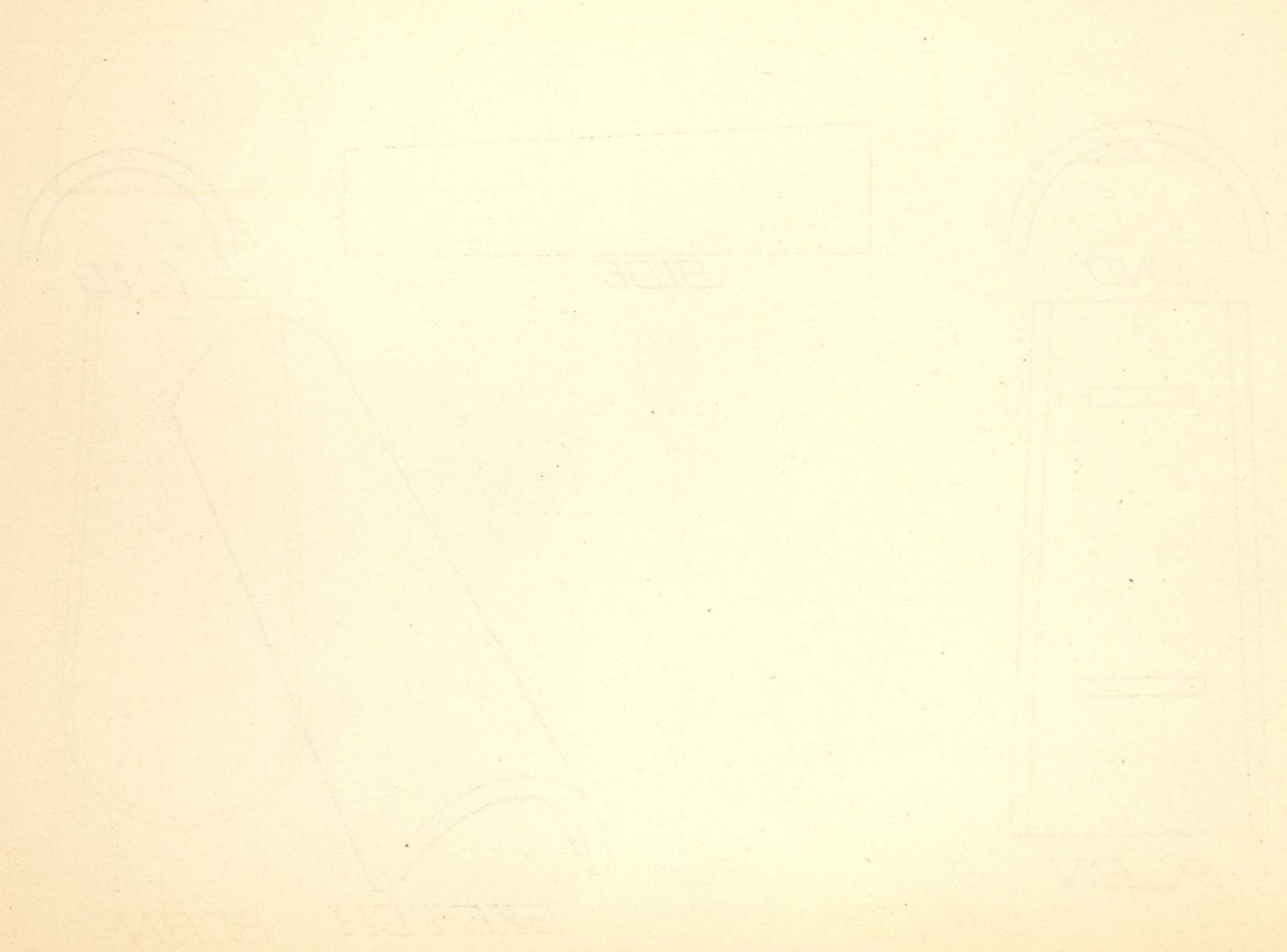


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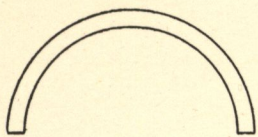


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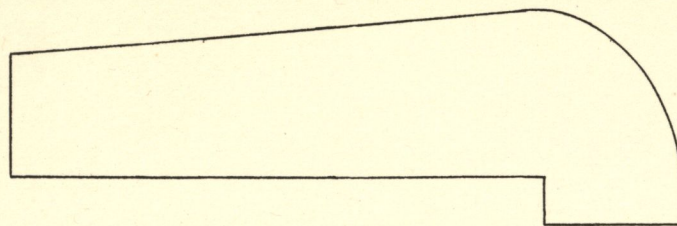
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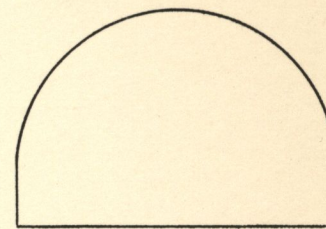
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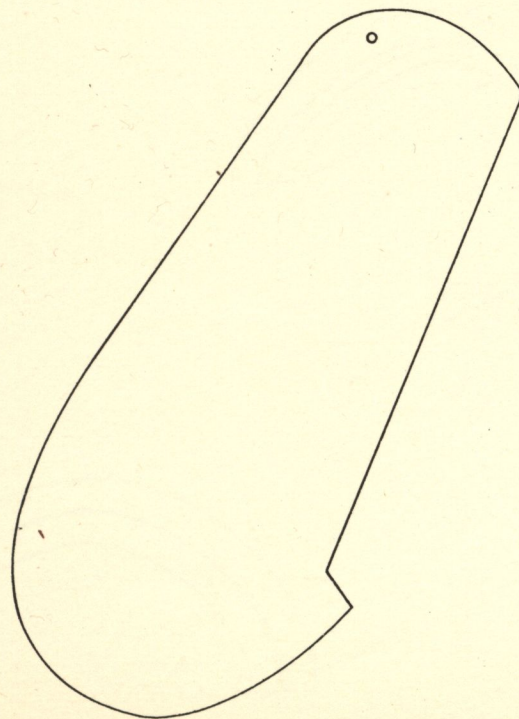
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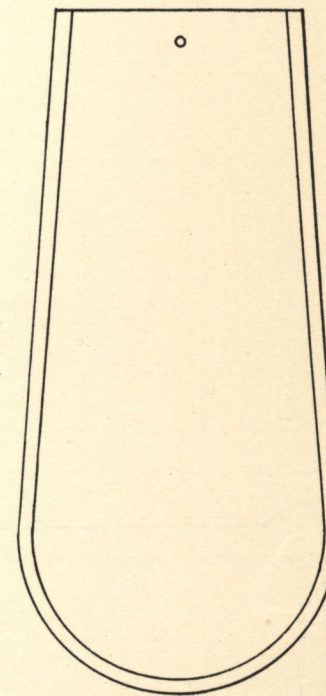
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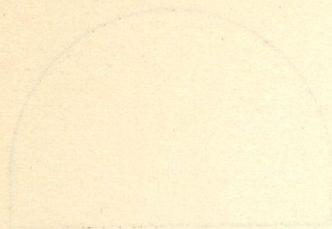


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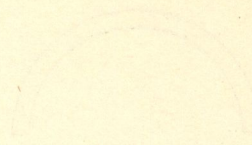
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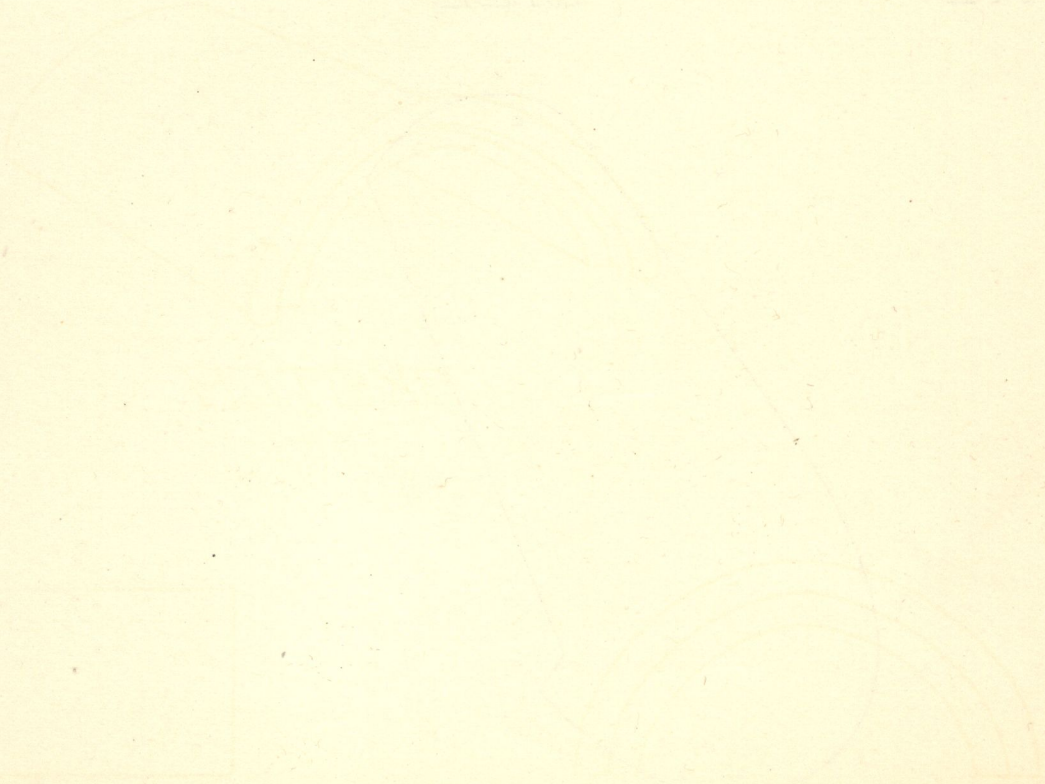
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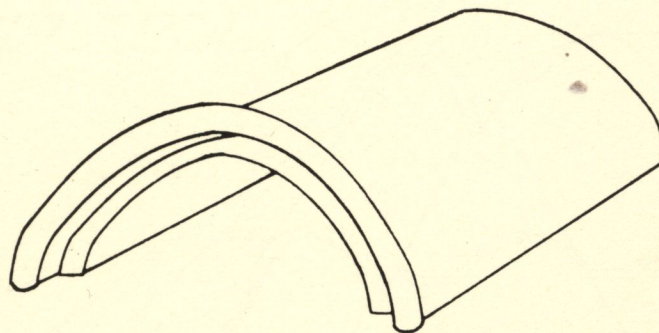


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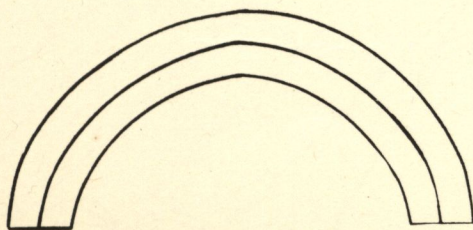


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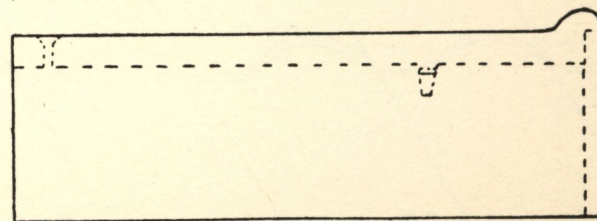
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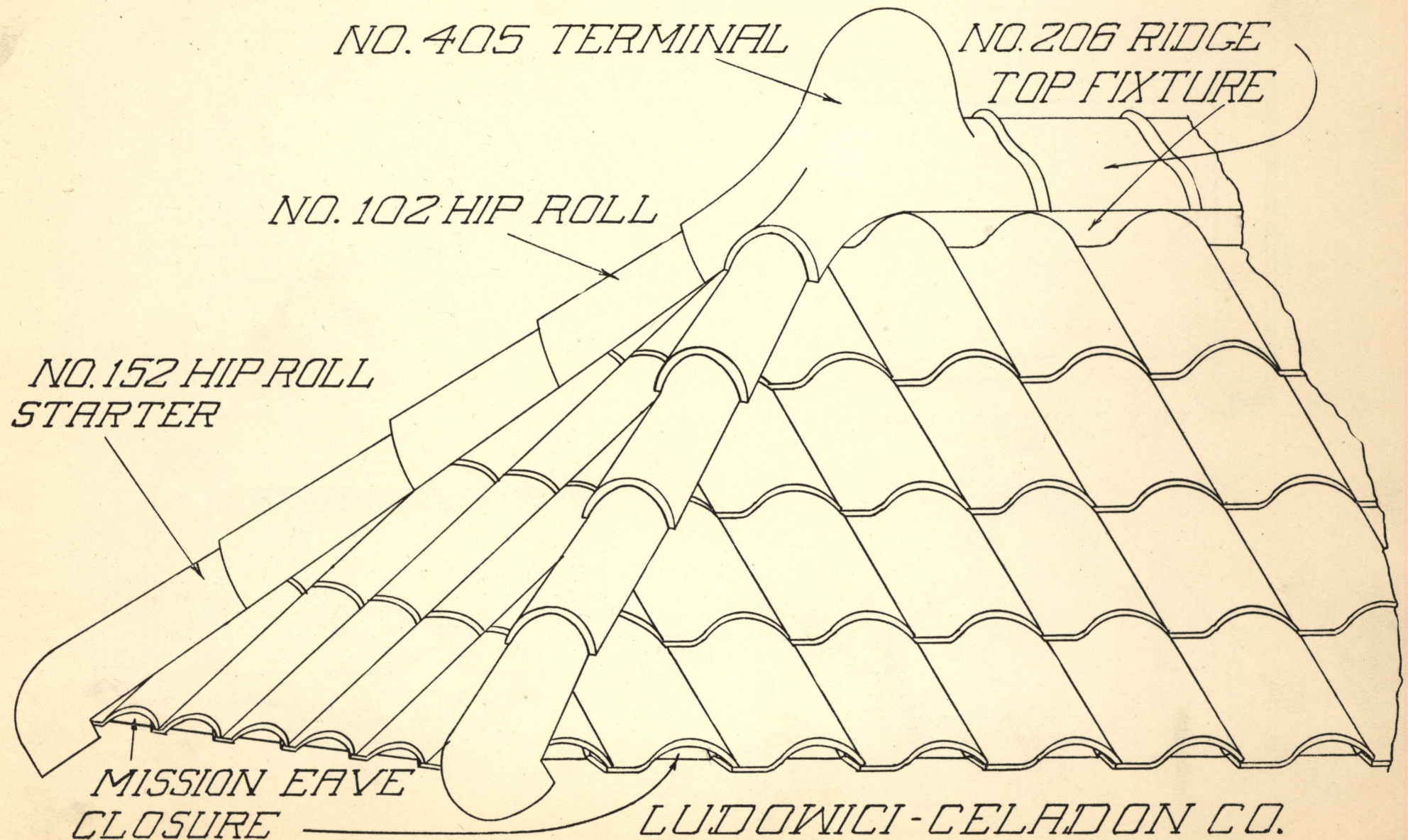
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SIDE VIEW



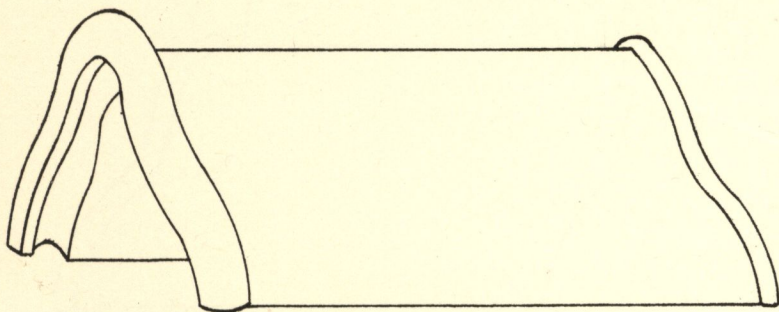
SKETCH OF "IMPERIAL" SPANISH TILE SHOWN WITH CUT HIP,
 NO. 102 HIP ROLL, NO. 152 HIP ROLL STARTERS, NO. 206
 RIDGE AND NO. 405 2H&1R TERMINAL.



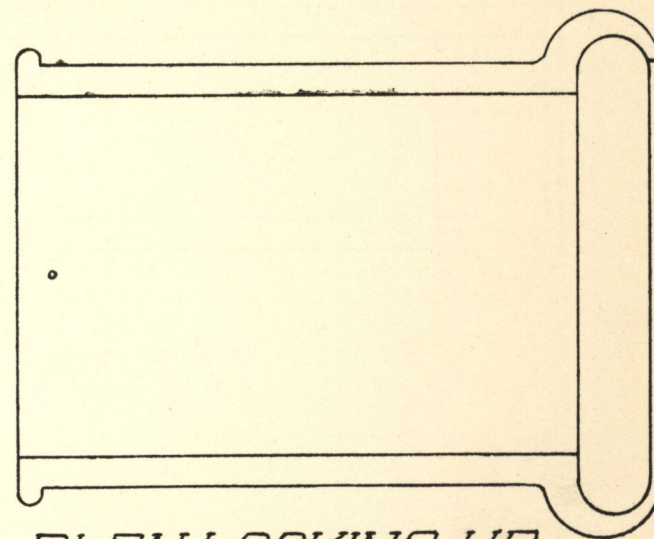
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NO. 105 HILL
AND NO. 106 HILL
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AND NO. 108 HILL



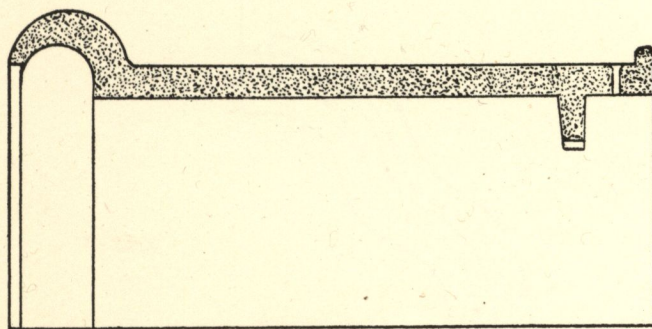
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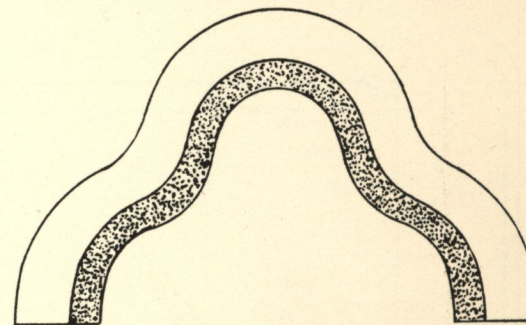
SKETCH



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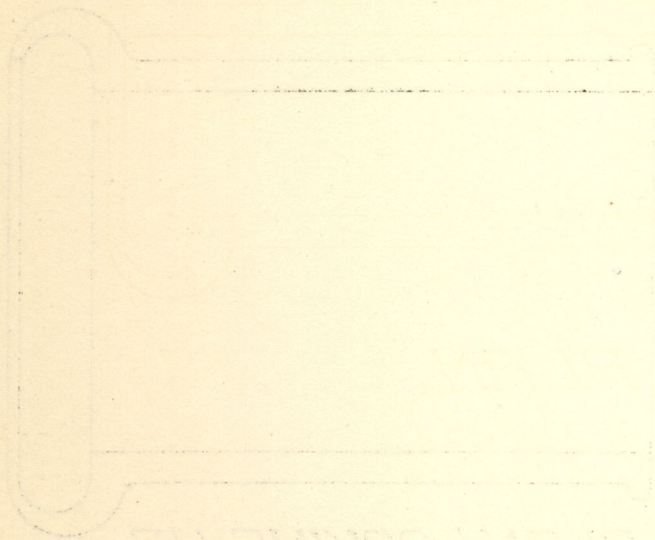


SECTION



SECTION

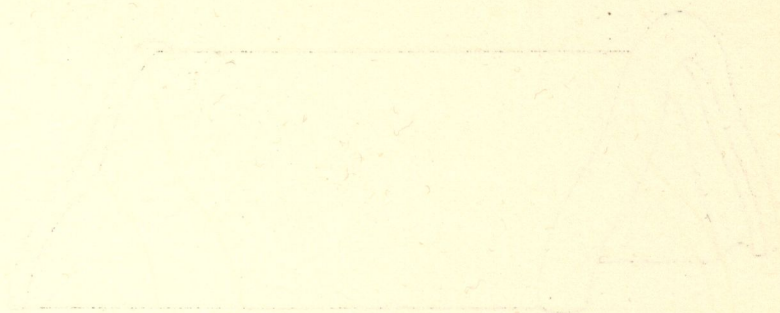
1025 FIDGE
LAWSON-CELESTON CO
SCALE 3 FEET TO 1



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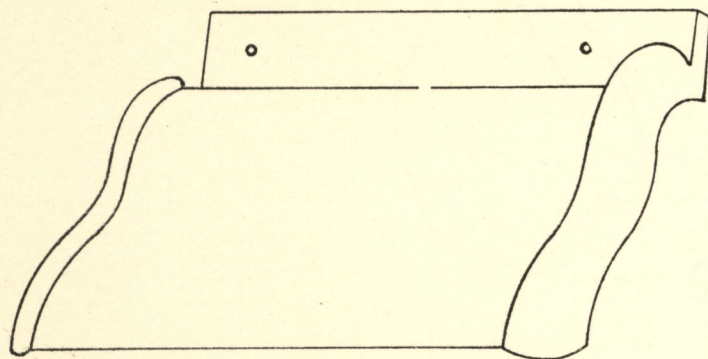


LOOKING UP

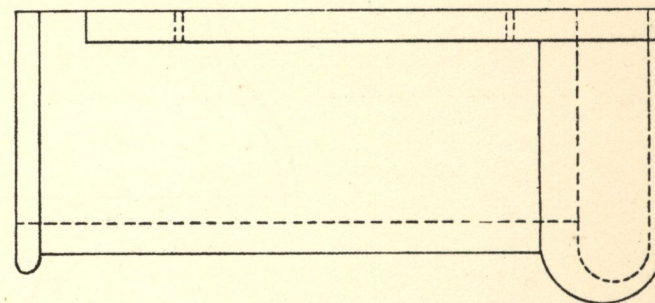


SECTION

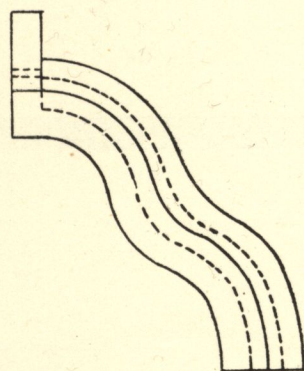
NO. 206 DECK MOULD RAISED FLANGE
LUDOWICI-CELADON CO.
SCALE 3" EQUAL 1'-0"



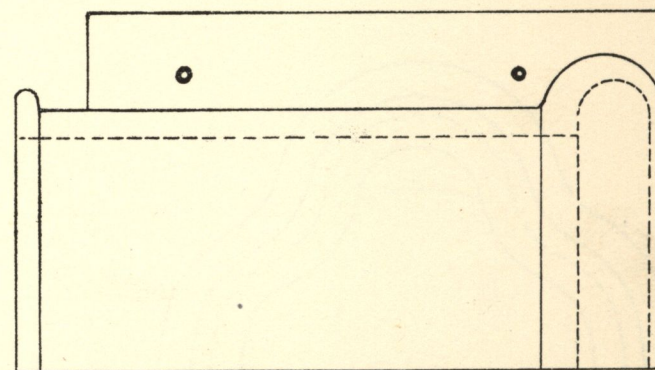
SKETCH



PLAN



END VIEW



FRONT VIEW

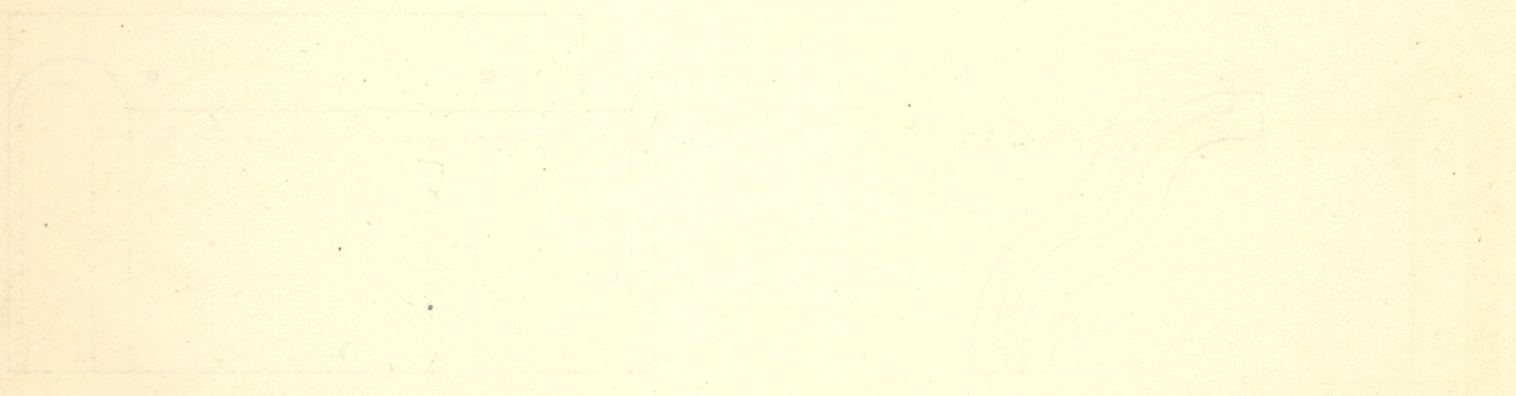
THE NEW YORK PUBLIC LIBRARY

ASTEN LENOX TILDEN FOUNDATION



PLIN

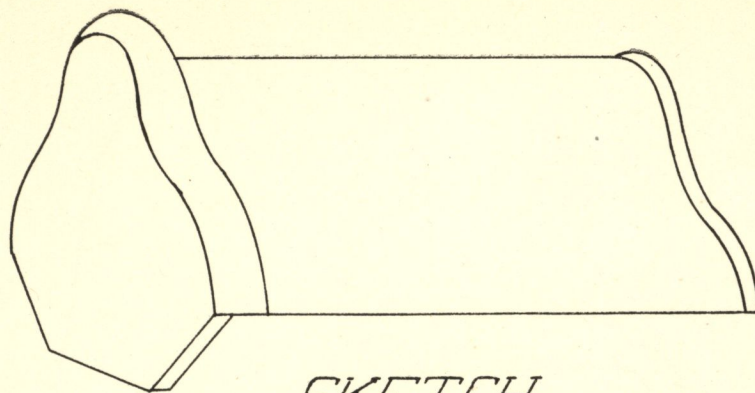
1877



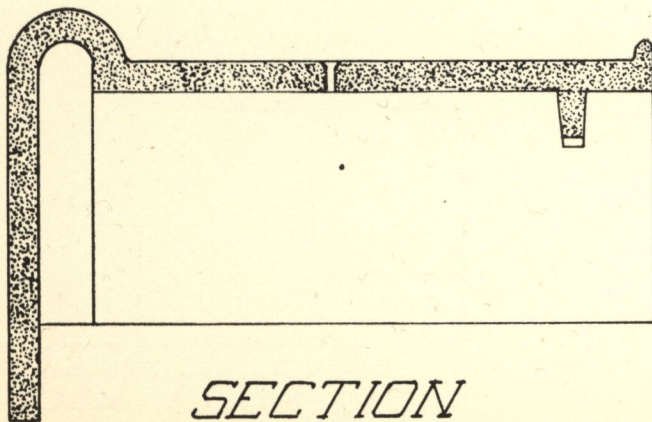
THE NEW YORK PUBLIC LIBRARY

ASTEN LENOX TILDEN FOUNDATION

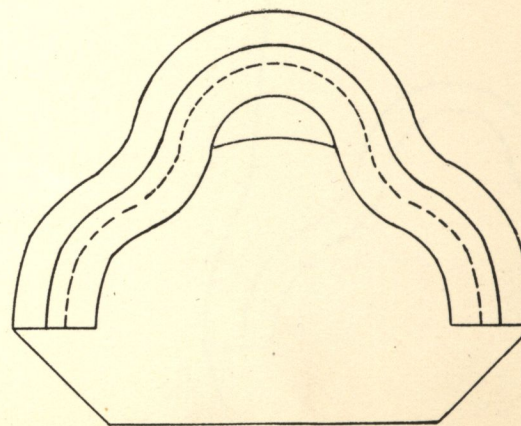
*NO 206 CLOSED RIDGE END
LUDOWICI-CELADON CO.
SCALE 3" EQUAL 1'-0"*



SKETCH



SECTION

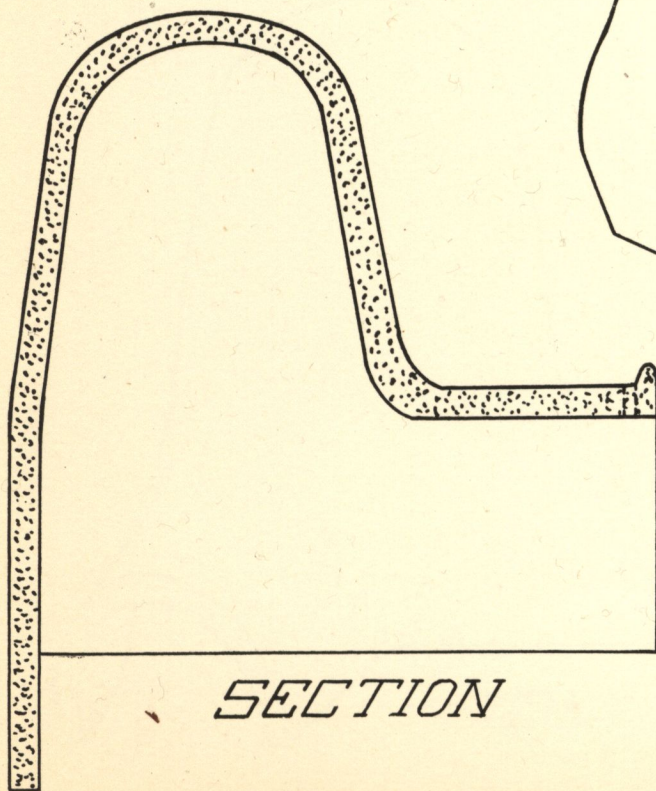


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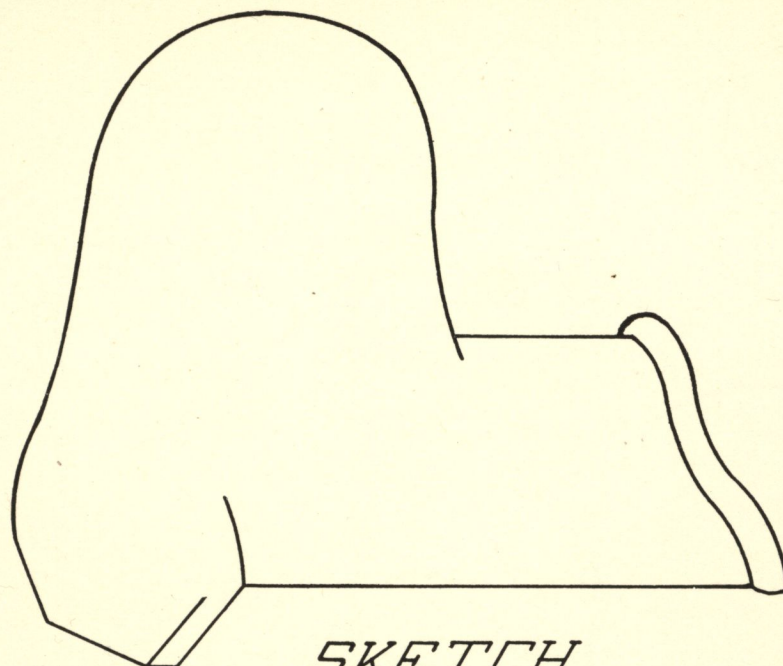
NO. 405 CHURCH STREET
LITHOGRAPHED BY
STREET & BOWEN
FOR NO. 405 CHURCH



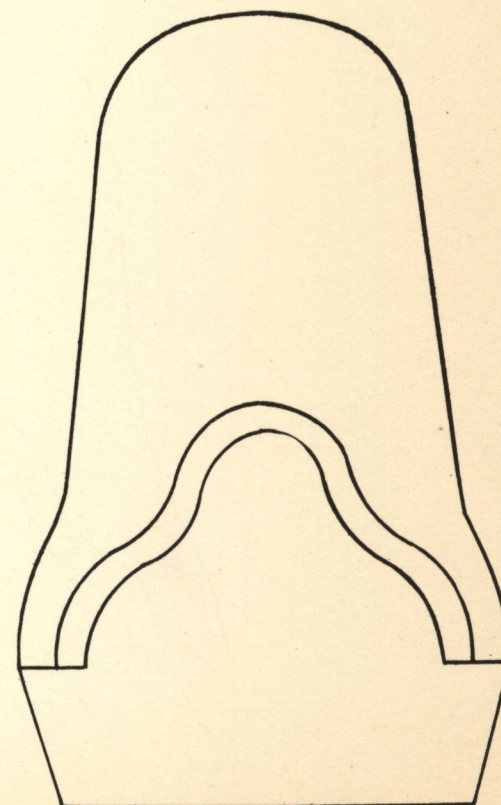
*NO. 406 GABLE TERMINAL
LUDOWICI-CELADON CO.
SCALE 3" EQUAL 1'-0"
FOR NO. 206 RIDGE*



SECTION



SKETCH

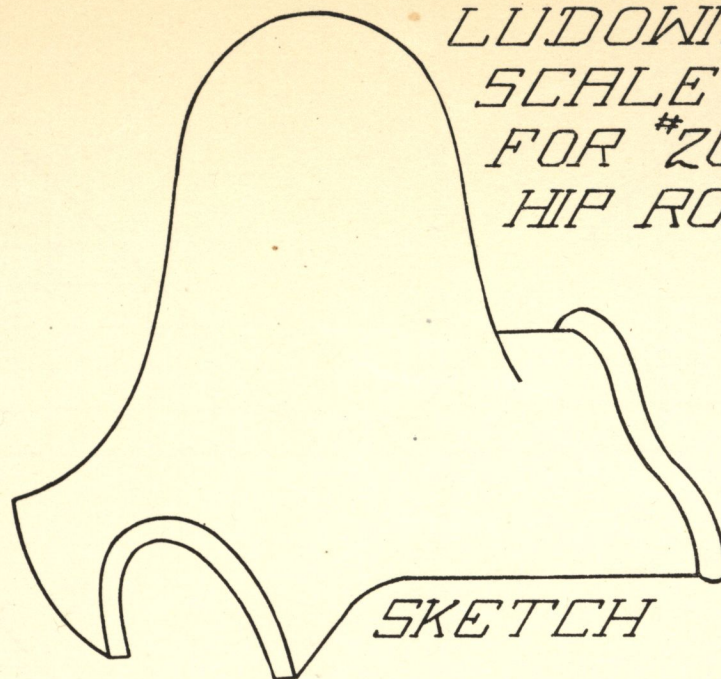


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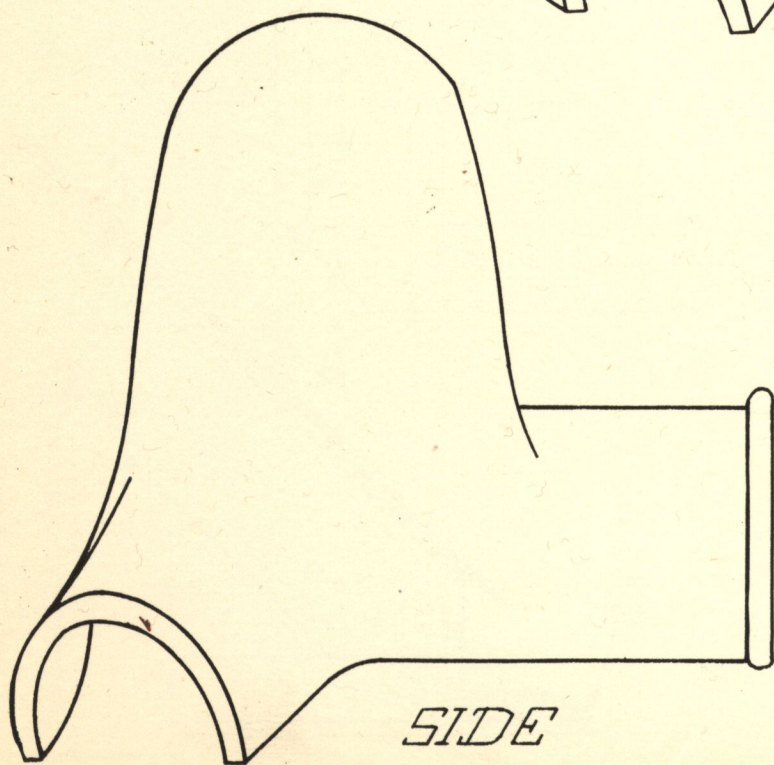
THE UNIVERSITY OF CHICAGO
LIBRARY
540 EAST 58TH STREET
CHICAGO, ILL. 60637



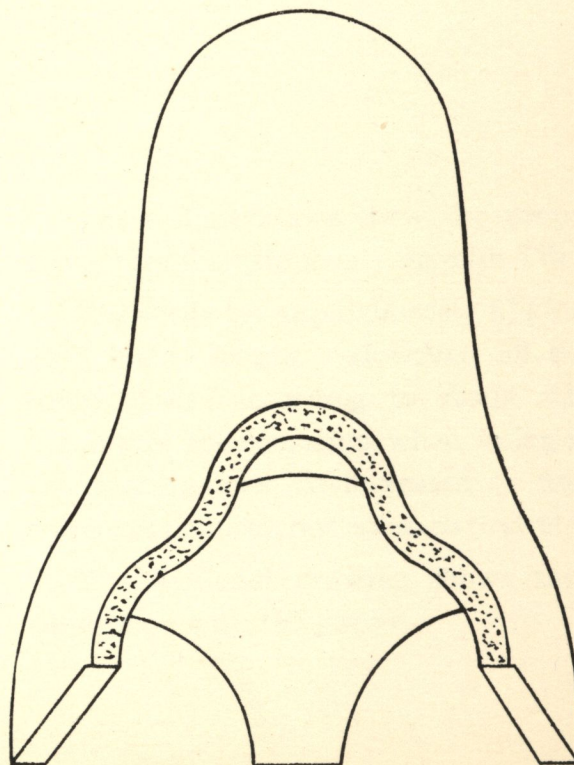
NO. 405 ZH+IC TERMINAL
LUDOWICI-CELADON CO.
SCALE 3" EQUAL 1'-0"
FOR #206 RIDGE AND #102
HIP ROLL



SKETCH

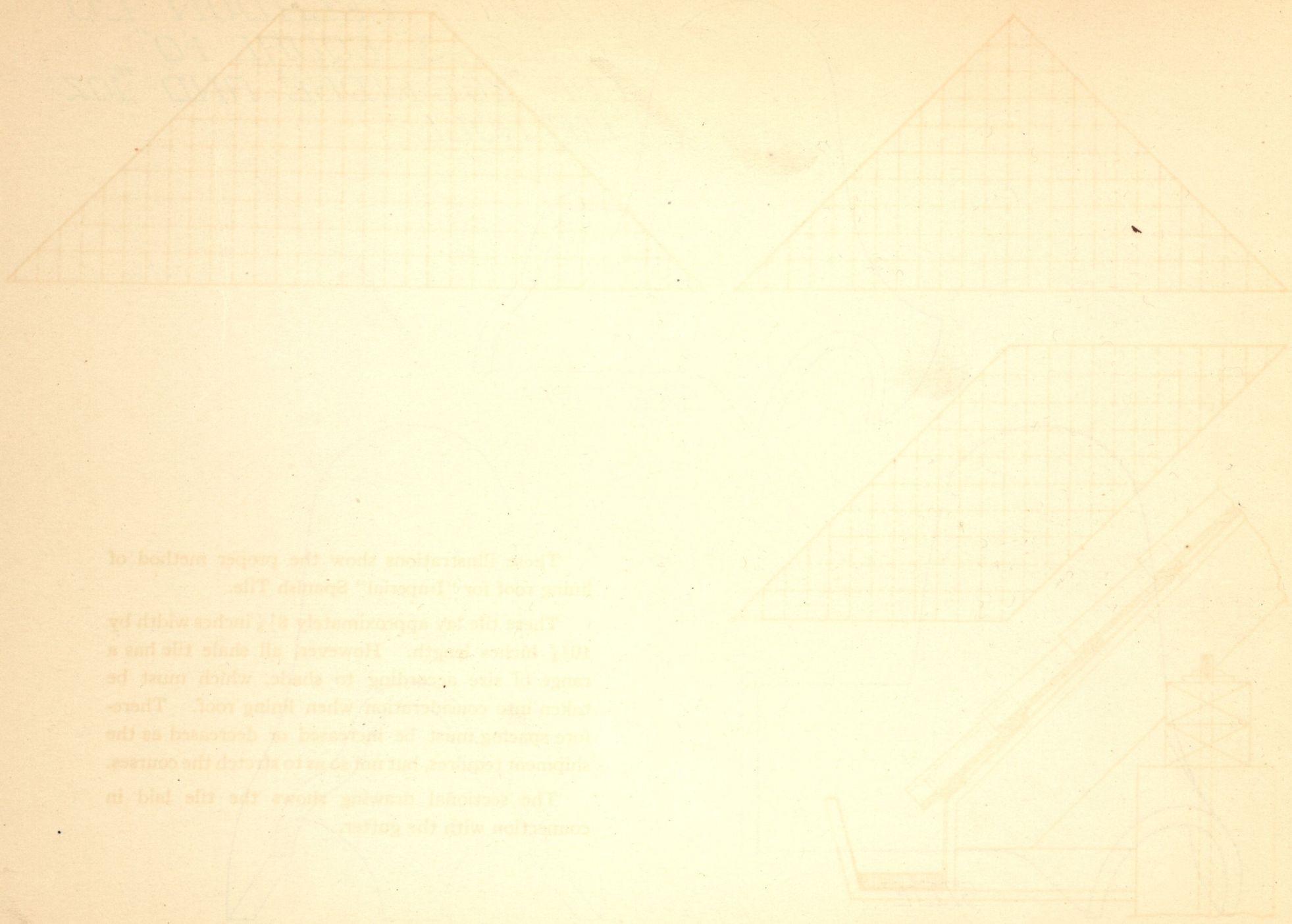


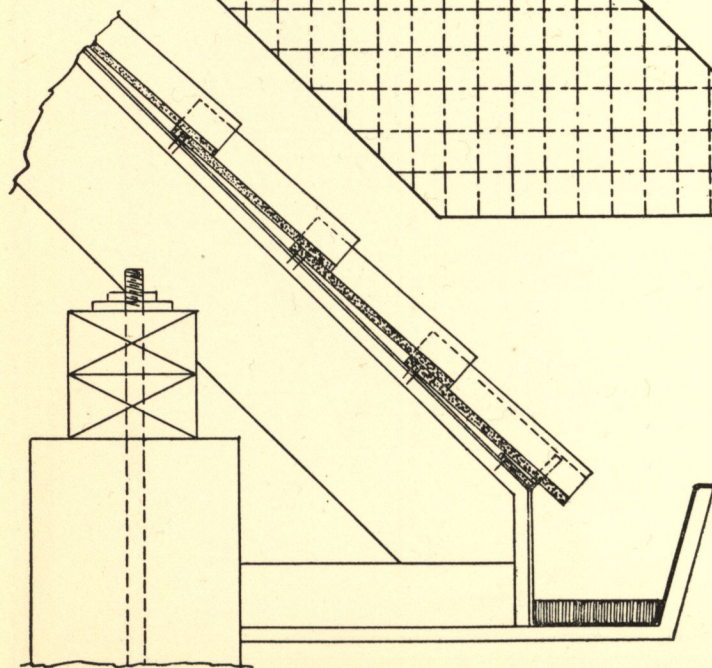
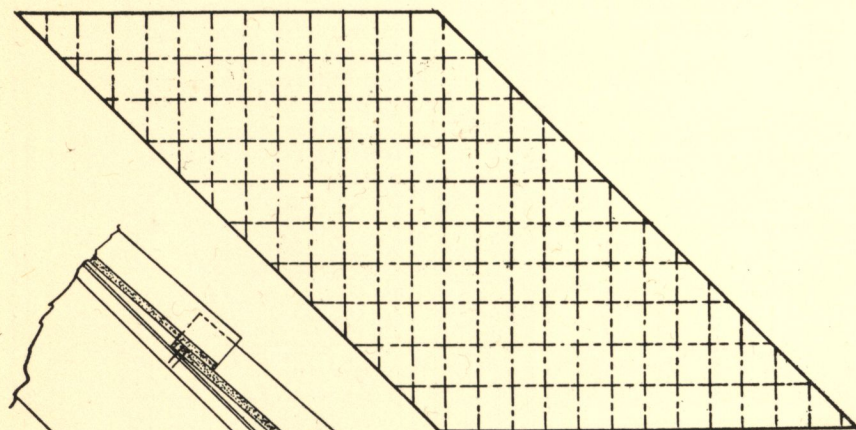
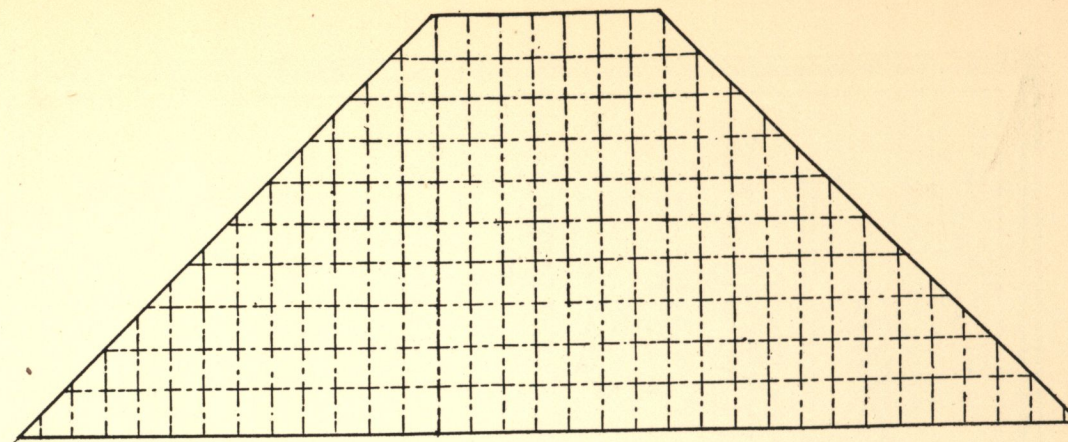
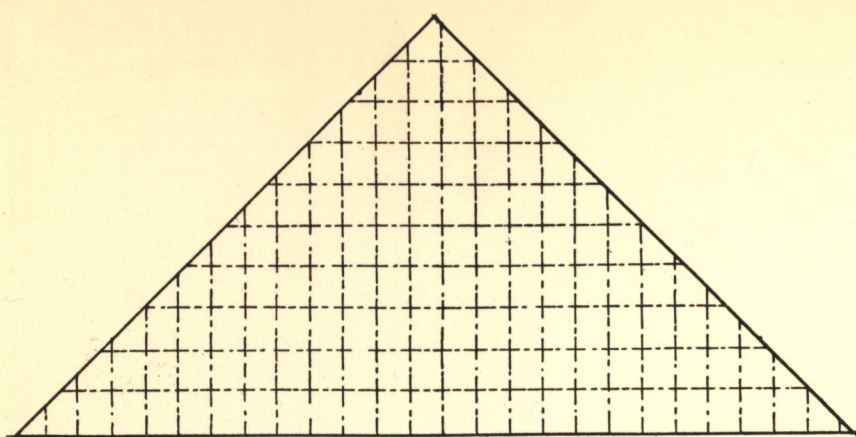
SIDE



SECTION

These illustrations show the proper method of
 thing roof for "Imperial" Spanish Tile.
 These tiles are approximately 8 1/2 inches wide by
 10 1/4 inches high. However, all shale tile has a
 range of size according to shade, which must be
 taken into consideration when thing roof. There-
 fore spacing must be increased or decreased as the
 shipment requires, but not so as to stretch the courses.
 The sectional drawing shows the tile laid in
 connection with the gutter.

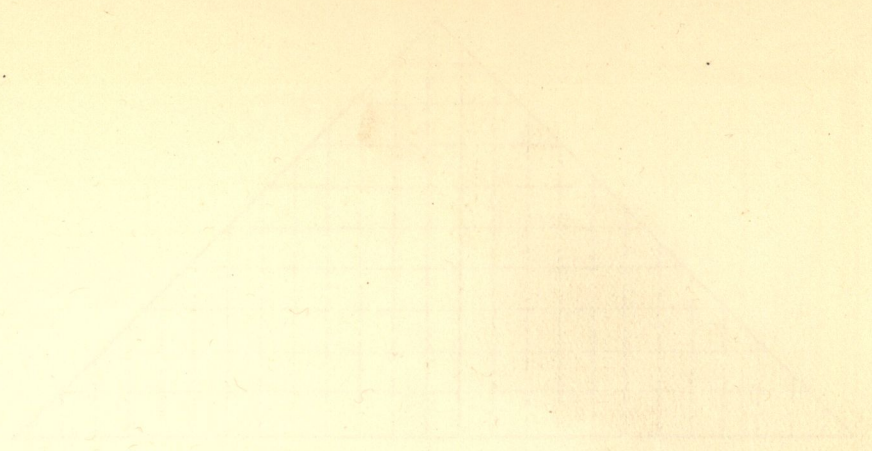
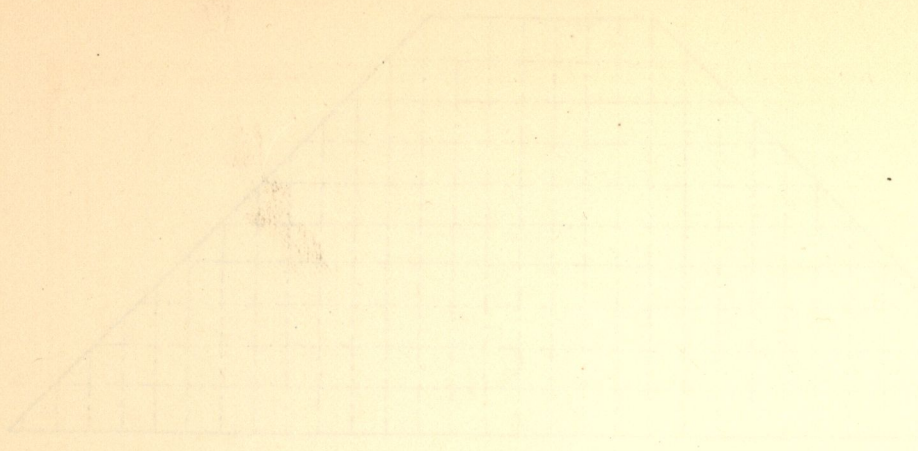




These illustrations show the proper method of lining roof for "Imperial" Spanish Tile.

These tile lay approximately $8\frac{1}{8}$ inches width by $10\frac{1}{4}$ inches length. However, all shale tile has a range of size according to shade, which must be taken into consideration when lining roof. Therefore spacing must be increased or decreased as the shipment requires, but not so as to stretch the courses.

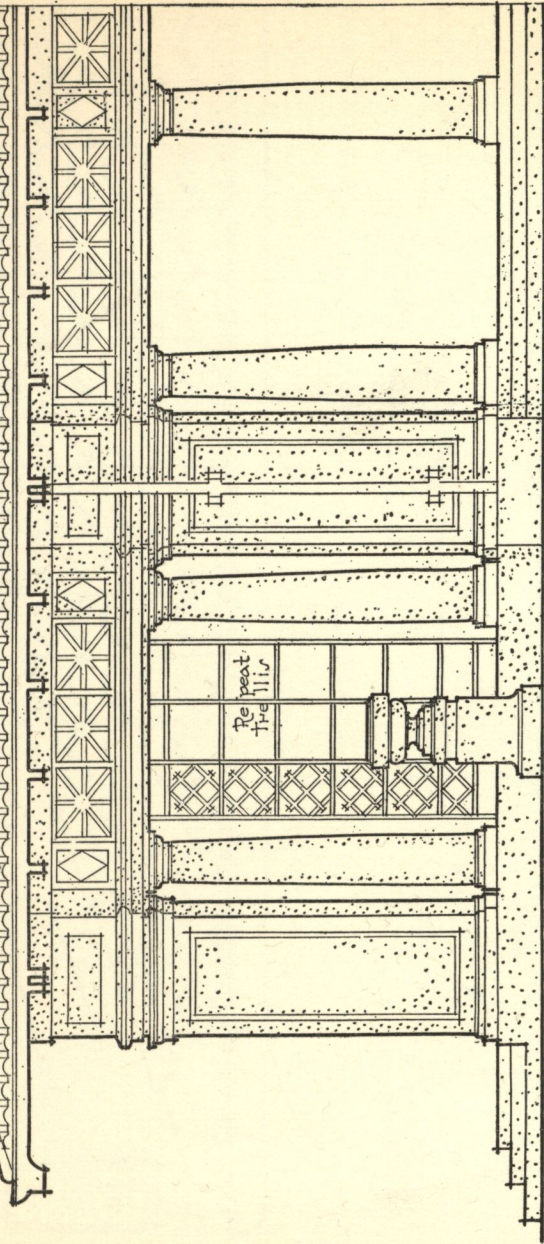
The sectional drawing shows the tile laid in connection with the gutter.



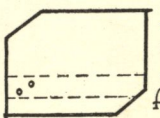
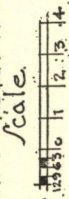
This diagram shows the method of
drawing a "pitched" roof.
The line represents the pitch of the roof.
The horizontal line represents the ground level.
The vertical line represents the wall.
The diagonal line represents the roof.
The grid is used to measure the pitch of the roof.
The pitch of the roof is the ratio of the vertical rise to the horizontal run.
In this case, the pitch is 1 to 1.
The diagram shows that the pitch of the roof is 1 to 1.
The horizontal line is 10 units long.
The vertical line is 10 units high.
The diagonal line is 14.14 units long.
The pitch of the roof is 1 to 1.

No 405-2H & 1C - Terminal

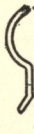
PARK HELLER JACKSON PARK
CHICAGO-ILL-
D. H. BURNHAM & CO
ARCHITECTS



FRONT ELEVATION

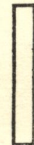


PLAN



END

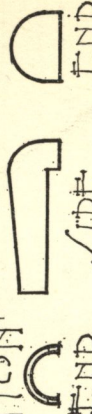
SKETCH



SECTION

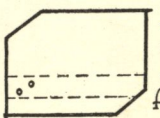
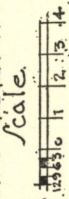
"IMPERIAL"
SPANISH
TILE

SKETCH

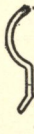


SIDE

FRONT ELEVATION

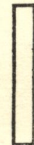


PLAN



END

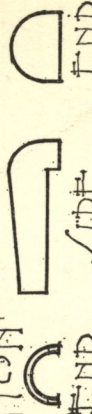
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SECTION

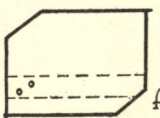
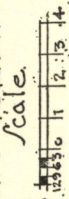
"IMPERIAL"
SPANISH
TILE

SKETCH

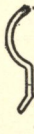


SIDE

FRONT ELEVATION

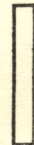


PLAN



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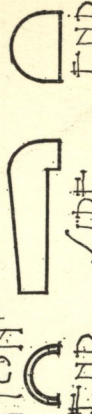
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SECTION

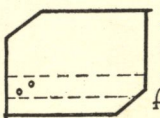
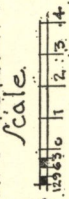
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SPANISH
TILE

SKETCH

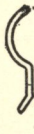


SIDE

FRONT ELEVATION

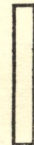


PLAN



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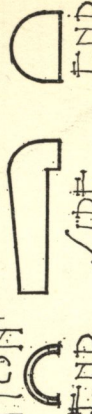
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SECTION

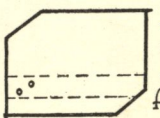
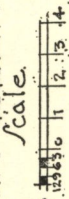
"IMPERIAL"
SPANISH
TILE

SKETCH

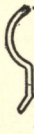


SIDE

FRONT ELEVATION

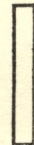


PLAN



END

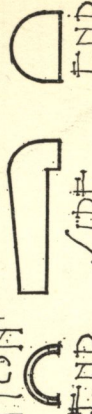
SKETCH



SECTION

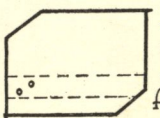
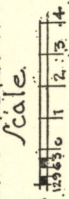
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SPANISH
TILE

SKETCH

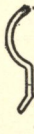


SIDE

FRONT ELEVATION

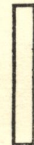


PLAN



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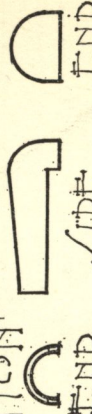
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SECTION

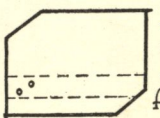
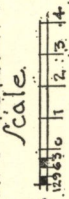
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SKETCH

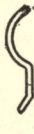


SIDE

FRONT ELEVATION

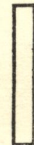


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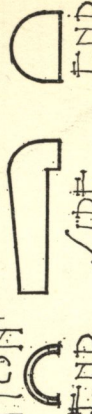
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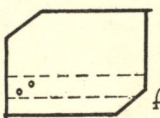
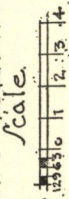
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SKETCH

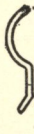


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FRONT ELEVATION

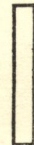


PLAN



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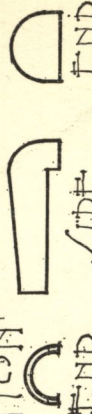
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SECTION

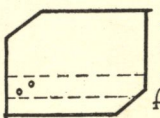
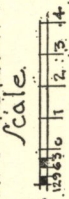
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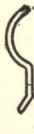


SIDE

FRONT ELEVATION

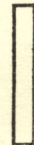


PLAN



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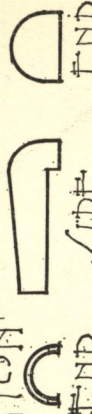
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SECTION

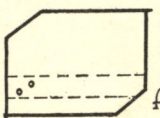
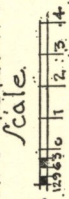
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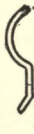


SIDE

FRONT ELEVATION

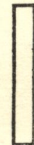


PLAN



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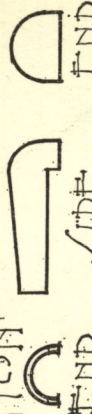
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SECTION

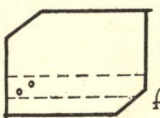
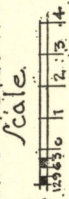
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SKETCH

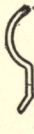


SIDE

FRONT ELEVATION

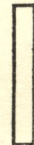


PLAN



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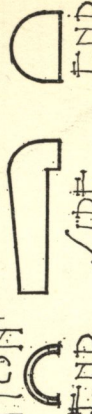
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SECTION

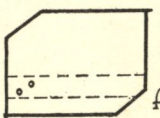
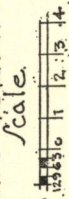
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SPANISH
TILE

SKETCH

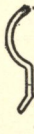


SIDE

FRONT ELEVATION

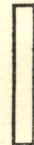


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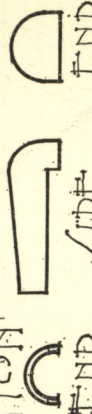
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SECTION

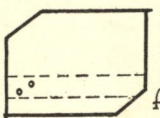
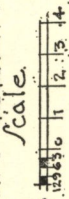
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SPANISH
TILE

SKETCH

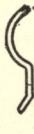


SIDE

FRONT ELEVATION

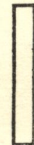


PLAN



END

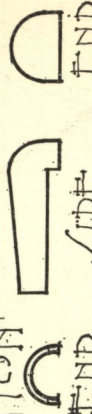
SKETCH



SECTION

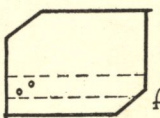
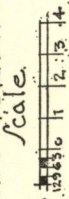
"IMPERIAL"
SPANISH
TILE

SKETCH

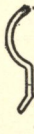


SIDE

FRONT ELEVATION

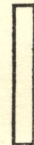


PLAN



END

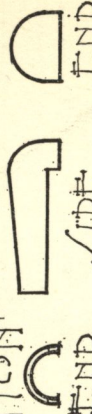
SKETCH



SECTION

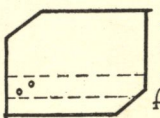
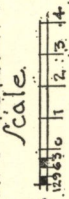
"IMPERIAL"
SPANISH
TILE

SKETCH

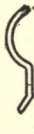


SIDE

FRONT ELEVATION

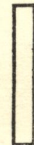


PLAN



END

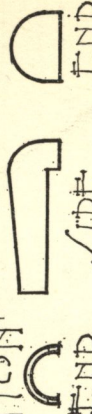
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SECTION

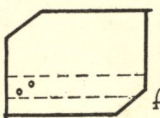
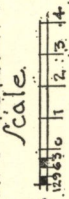
"IMPERIAL"
SPANISH
TILE

SKETCH

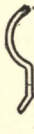


SIDE

FRONT ELEVATION

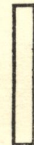


PLAN



END

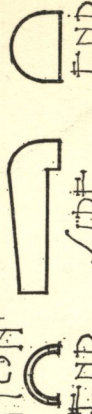
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SECTION

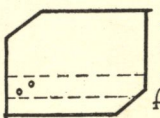
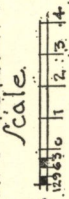
"IMPERIAL"
SPANISH
TILE

SKETCH

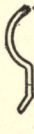


SIDE

FRONT ELEVATION

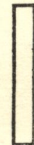


PLAN



END

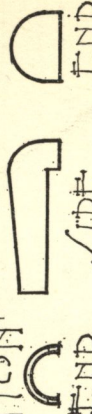
SKETCH



SECTION

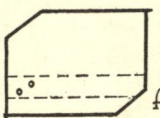
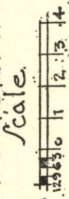
"IMPERIAL"
SPANISH
TILE

SKETCH

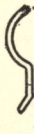


SIDE

FRONT ELEVATION

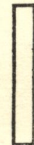


PLAN



END

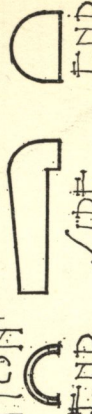
SKETCH



SECTION

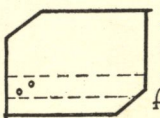
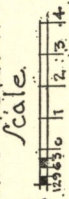
"IMPERIAL"
SPANISH
TILE

SKETCH

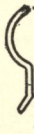


SIDE

FRONT ELEVATION

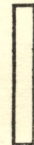


PLAN



END

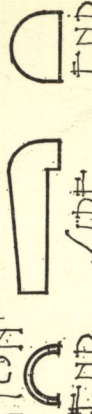
SKETCH



SECTION

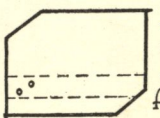
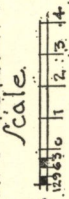
"IMPERIAL"
SPANISH
TILE

SKETCH

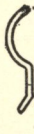


SIDE

FRONT ELEVATION

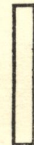


PLAN



END

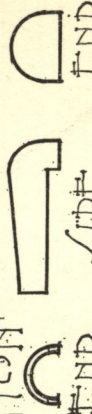
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SECTION

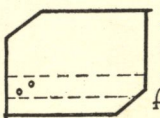
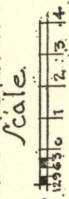
"IMPERIAL"
SPANISH
TILE

SKETCH

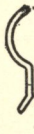


SIDE

FRONT ELEVATION

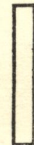


PLAN



END

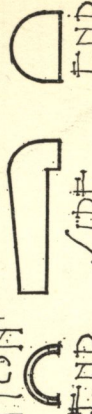
SKETCH



SECTION

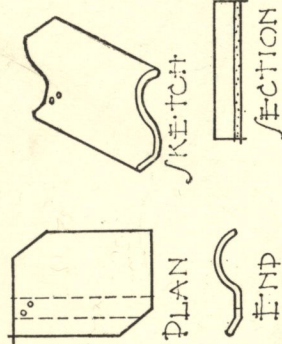
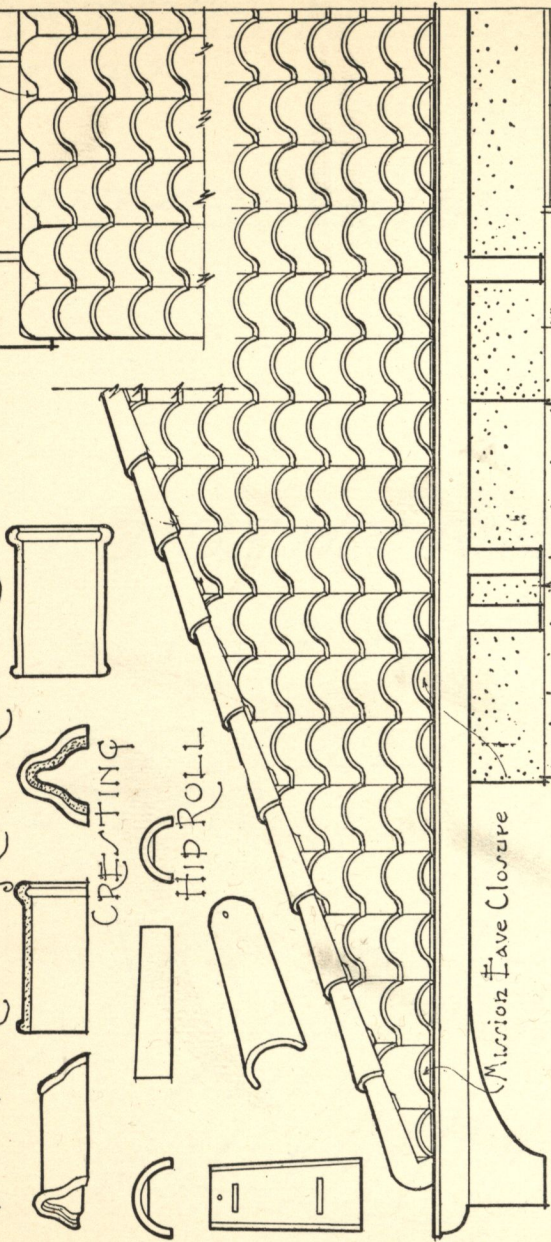
"IMPERIAL"
SPANISH
TILE

SKETCH

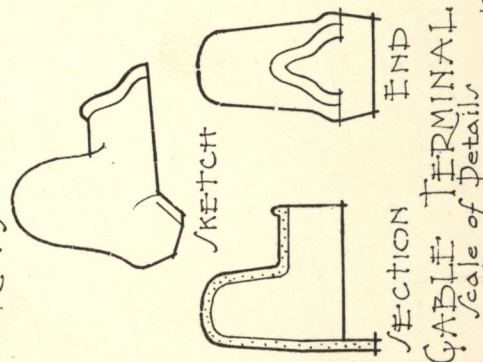




PARK/HELTER JACKSON PARK CHICAGO IL
D. H. BURNHAM & CO ARCHITECT



IMPERIAL SPANISH TILE



GABLE TERMINAL
Scale of Details

ELEVATION
Scale 1/2" = 1'-0"

LUDOWICI-CELADON COMPANY
DETAILS OF
"IMPERIAL SPANISH TILE"

MFG'RS of
TERRAZZETTA
ROOFING TILES
GENERAL OFFICES
104 South Michigan
Avenue, Ill.
Chicago, Ill.
G. Lockhart, Del.

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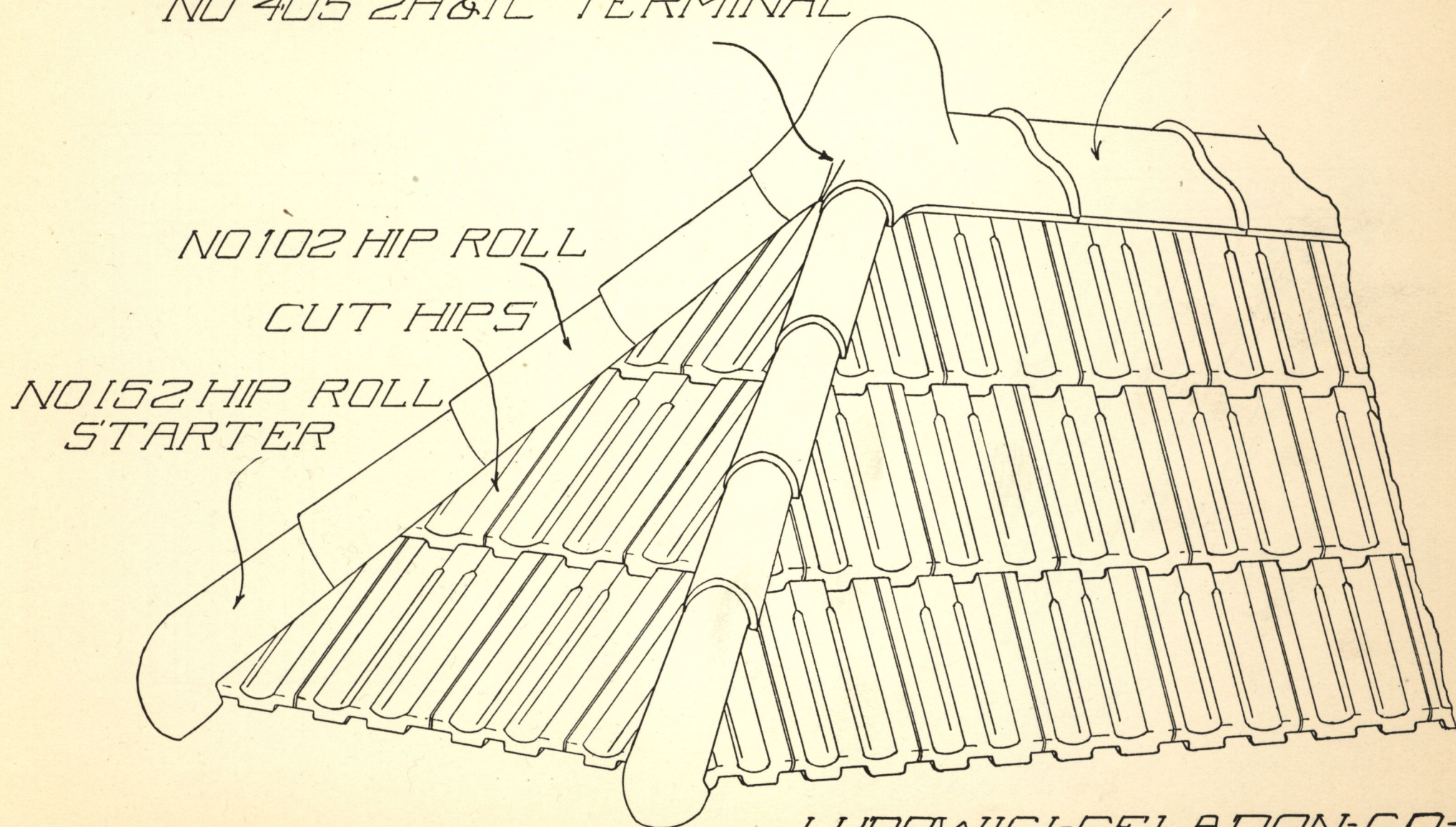
TEL: 773-936-5000 FAX: 773-936-5001

WWW.PHYSICS.UCHICAGO.EDU

SKETCH OF "IMPERIAL" GERMAN TILE SHOWN
WITH CUT HIPS, NO. 102 HIP ROLL, NO. 152 HIP ROLL
STARTERS, NO. 206 CRESTING AND NO. 405 2H&1C
TERMINAL

NO 206 CRESTING

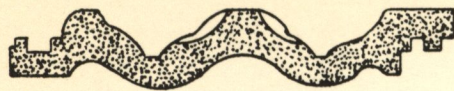
NO 405 2H&1C TERMINAL



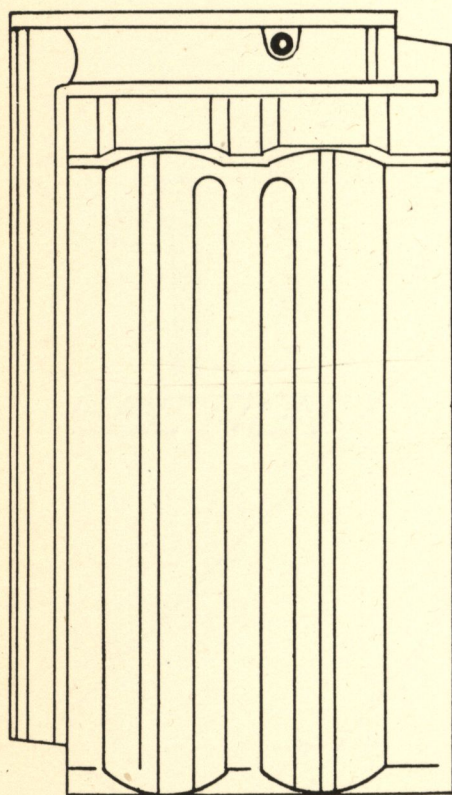
- LUDOWICI-CELADON-CO.-

THESE ARE THE RESULTS OF THE
ANALYSIS OF THE SAMPLES
OBTAINED FROM THE
WATER SAMPLES
TAKEN AT THE
STATION
ON THE
DATE
1919

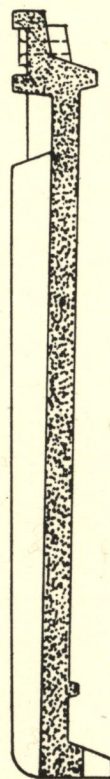
"IMPERIAL" GERMAN INTERLOCKING TILE
LUDOWICI-CELADON CO.
SCALE 3" EQUAL 1'-0."



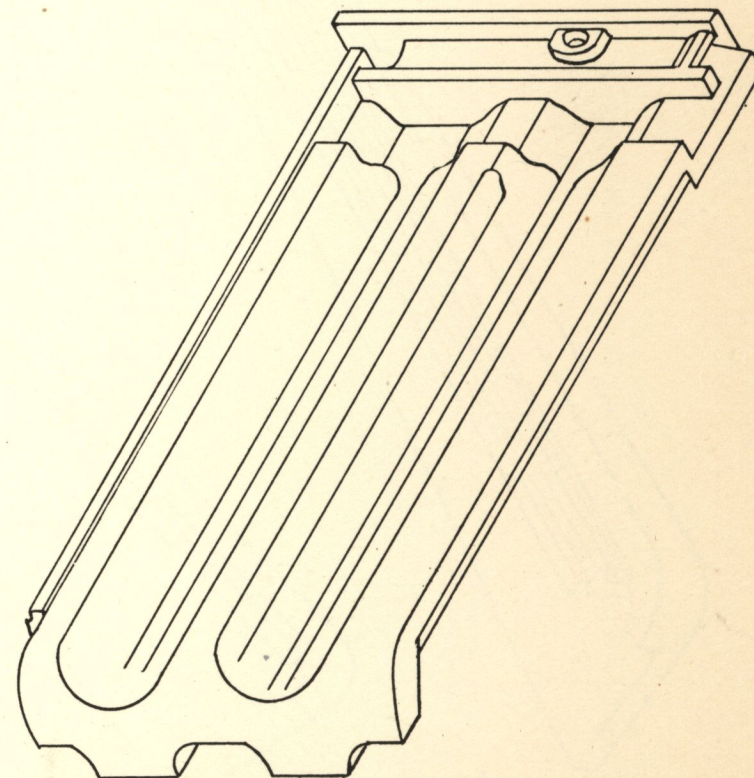
SECTION



PLAN



SECTION



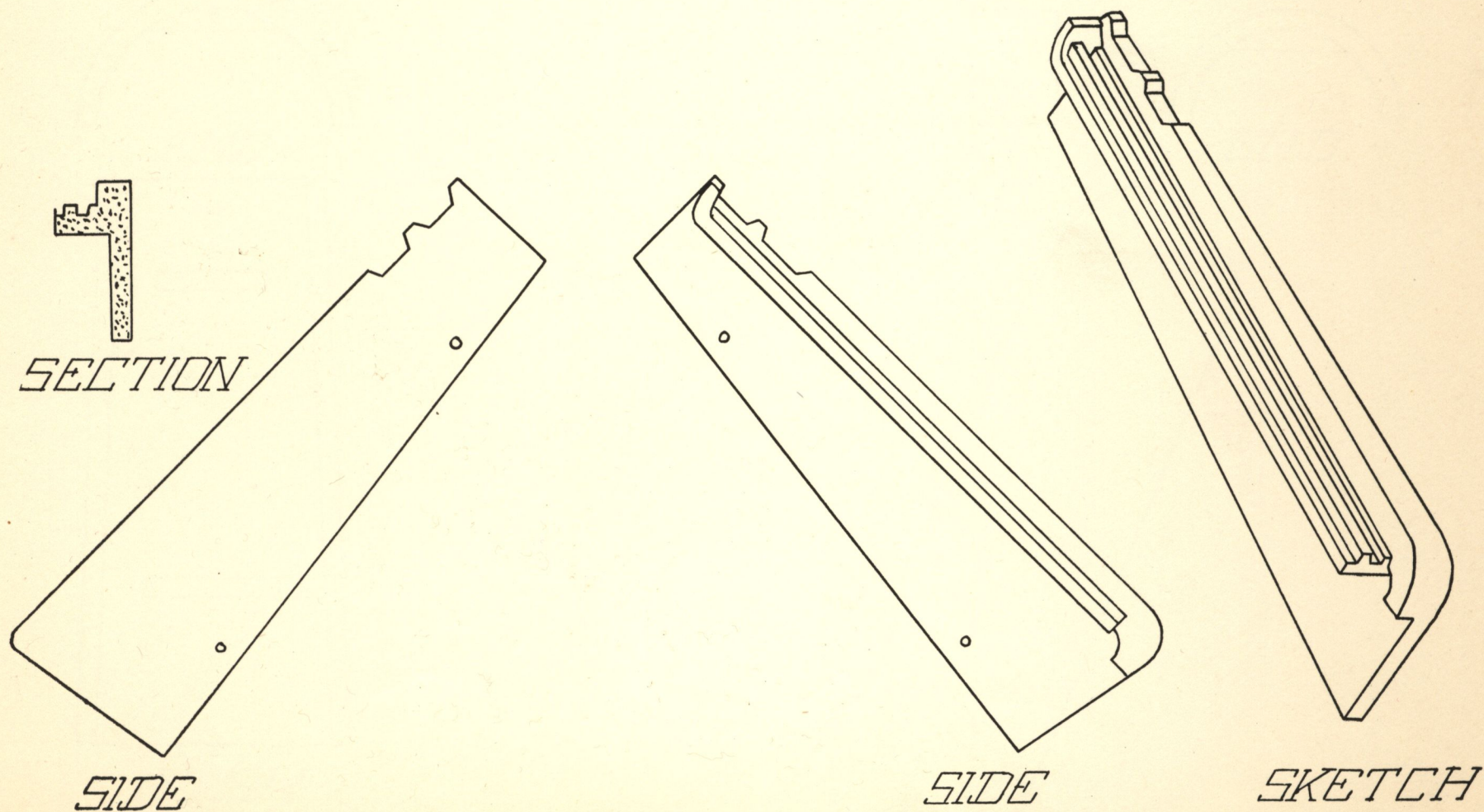
SKETCH

THE UNIVERSITY OF CHICAGO
LIBRARY
INTERNATIONAL HOUSE
530 SOUTH MICHIGAN
CHICAGO, ILL. 60605
SECTION 1



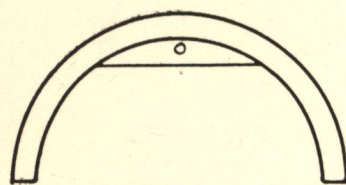
SECTION 2 SECTION 3 SECTION 4

*DETACHED GABLE RAKE
FOR
"IMPERIAL" GERMAN INTERLOCKING TILE
LUDOWICI-CELADON CO.
SCALE 3" EQUAL 10"*

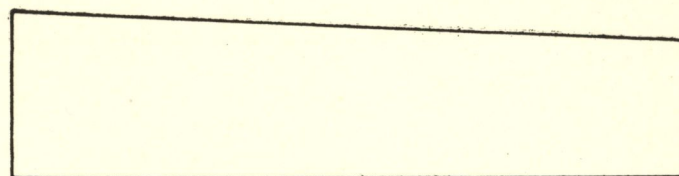




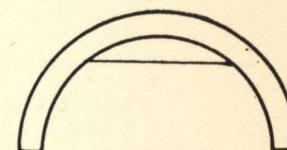
*NO. 102 HIP ROLL
LUDOWICI-CELADON CO.
SCALE 3" EQUAL 1'-0"*



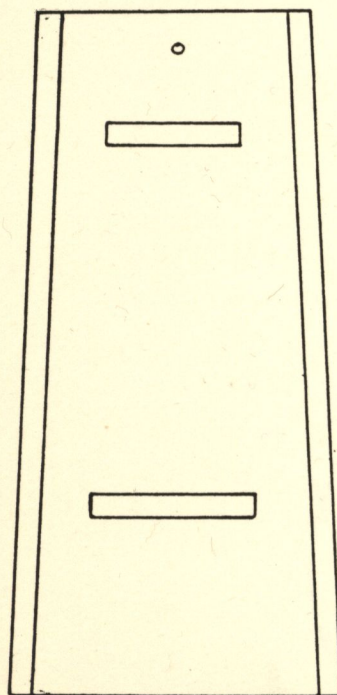
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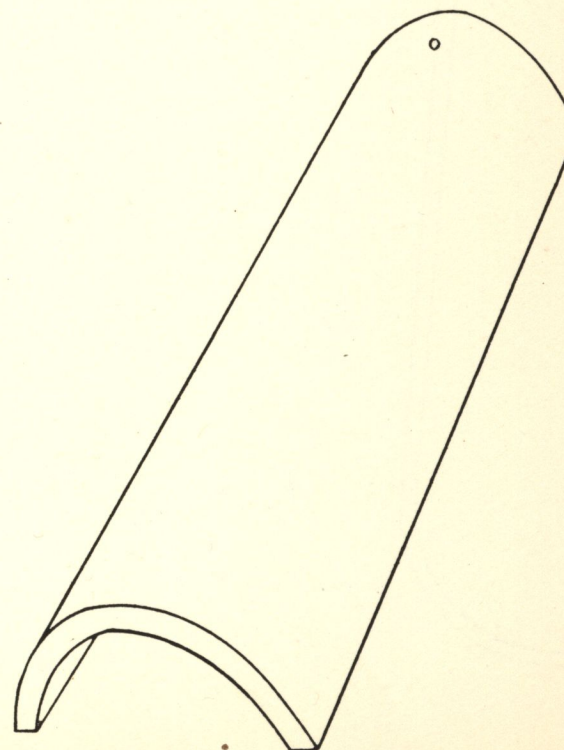
SIDE



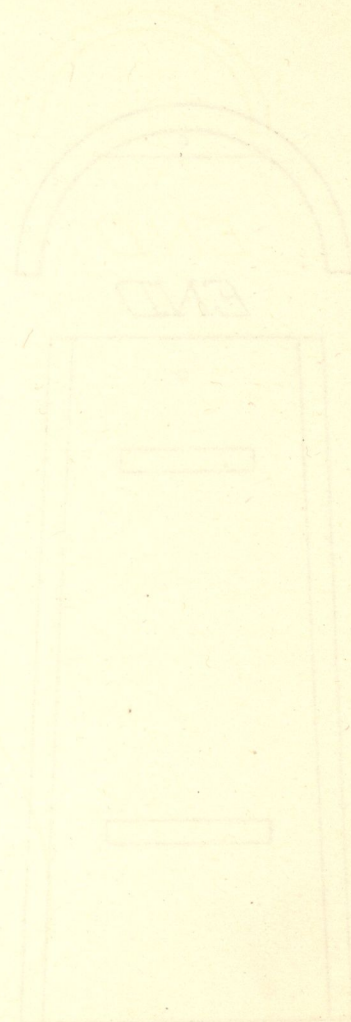
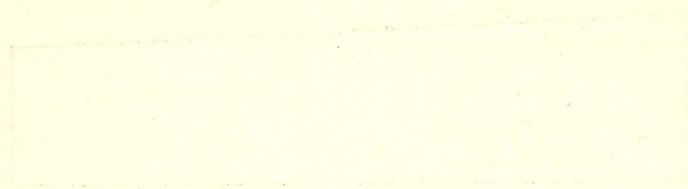
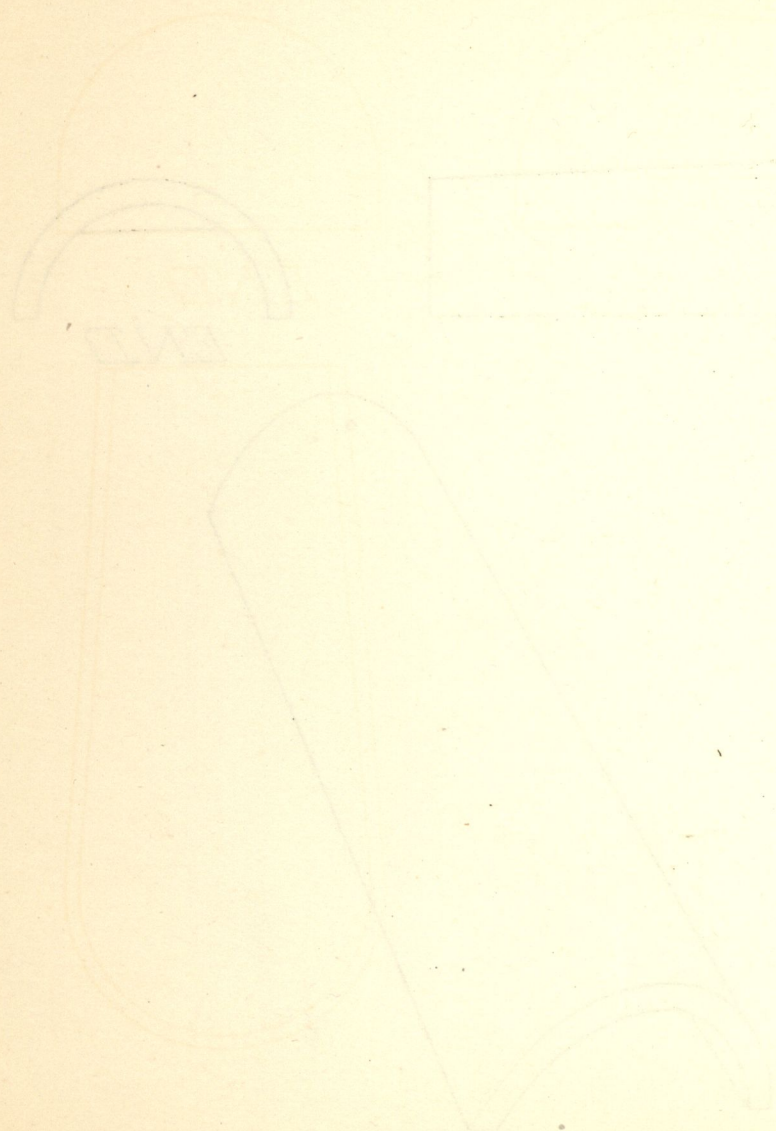
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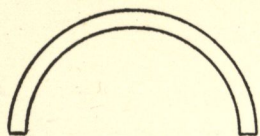
PLAN



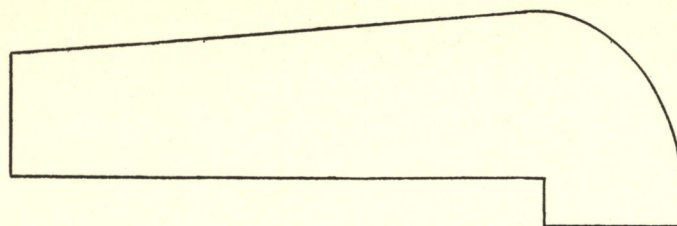
SKETCH



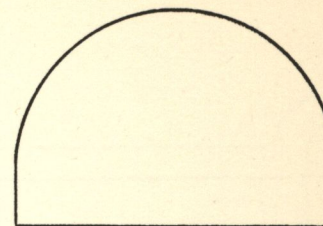
*NO. 152 HIP STARTER
LUDOWICI-CELADON CO.
SCALE 3" EQUAL 1'-0."*



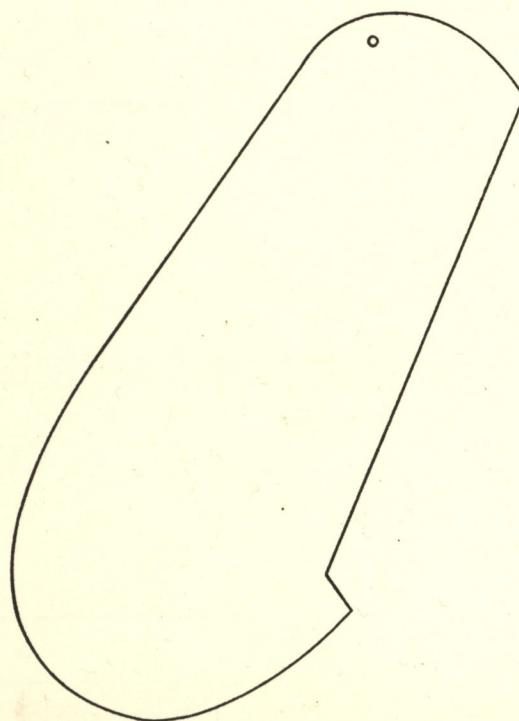
END



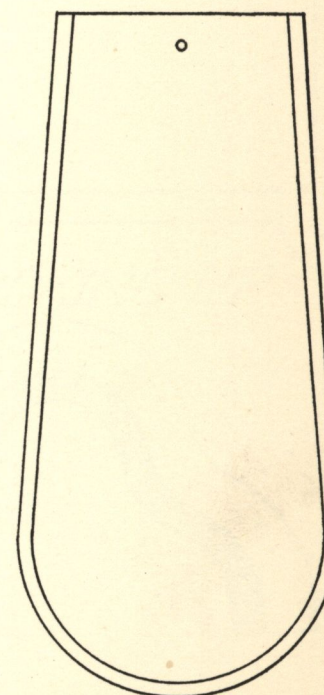
SIDE



END

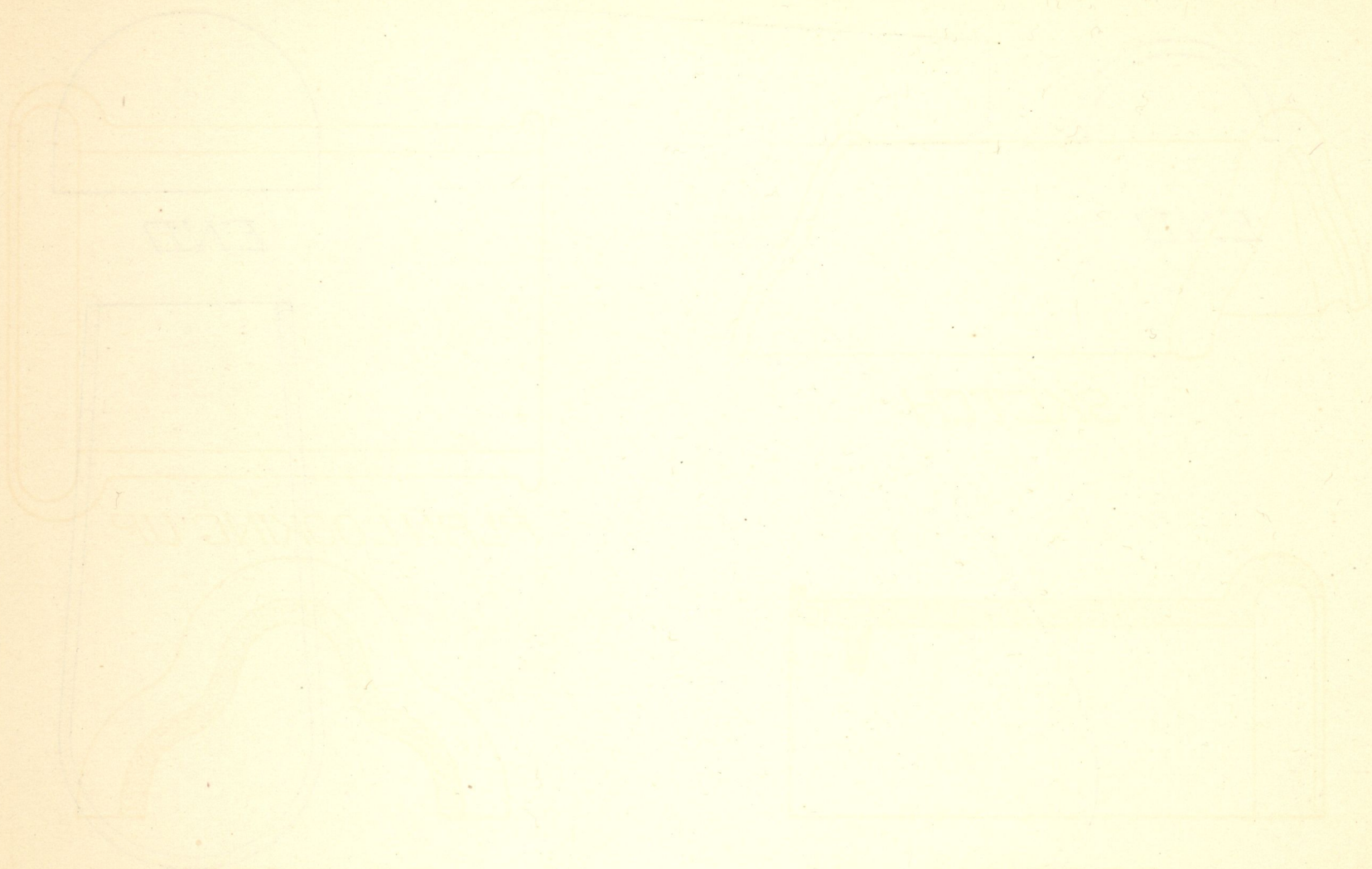


SKETCH



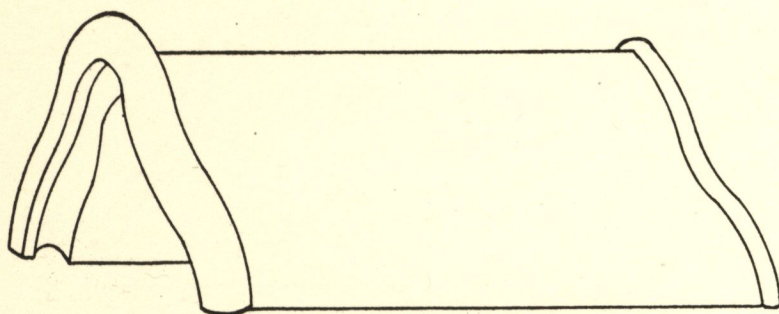
PLAN

MOORE RIVER
LUDWIG-CHAPMAN
STATE 3-1-1910

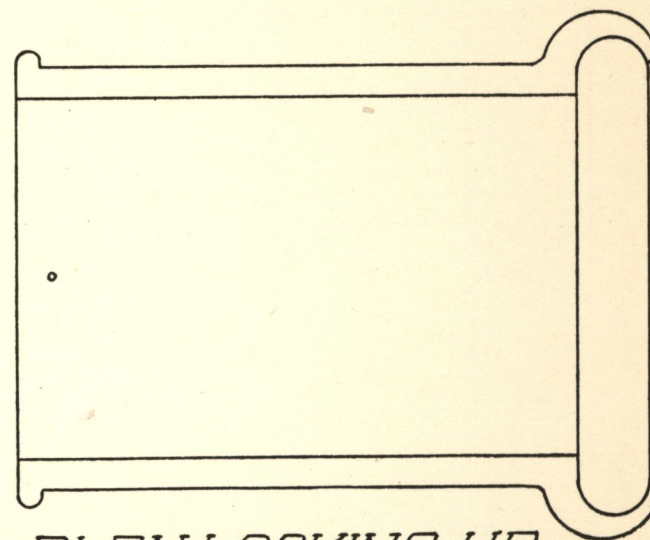


STATE 3-1-1910

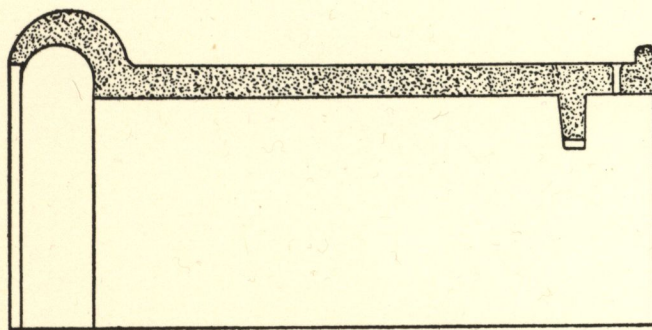
*NO. 206 RIDGE
LUDOWICI-CELADON CO.
SCALE 3" EQUAL 1'-0."*



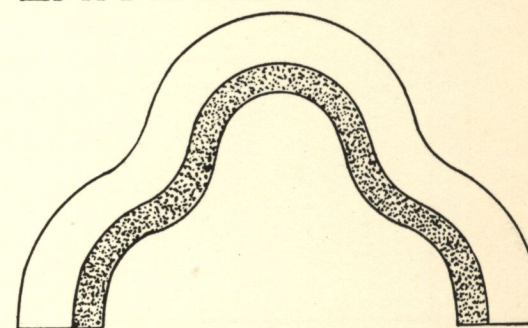
SKETCH



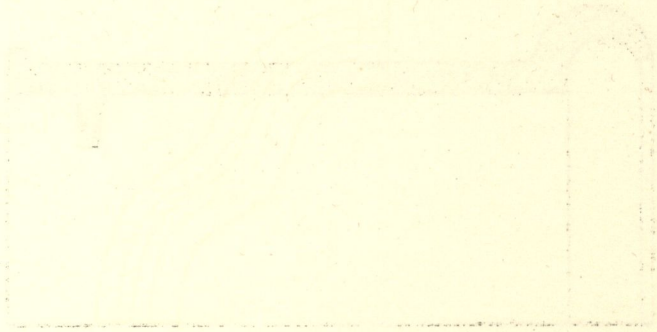
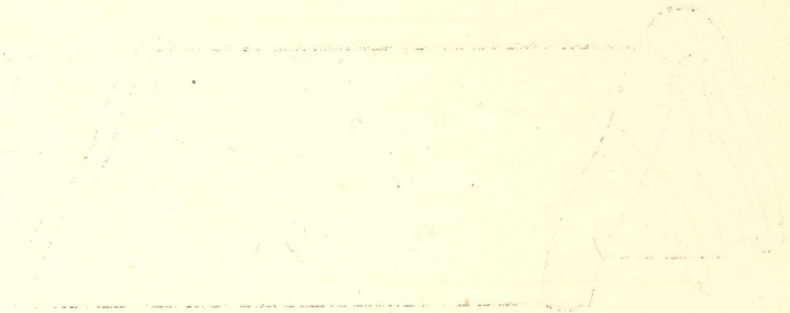
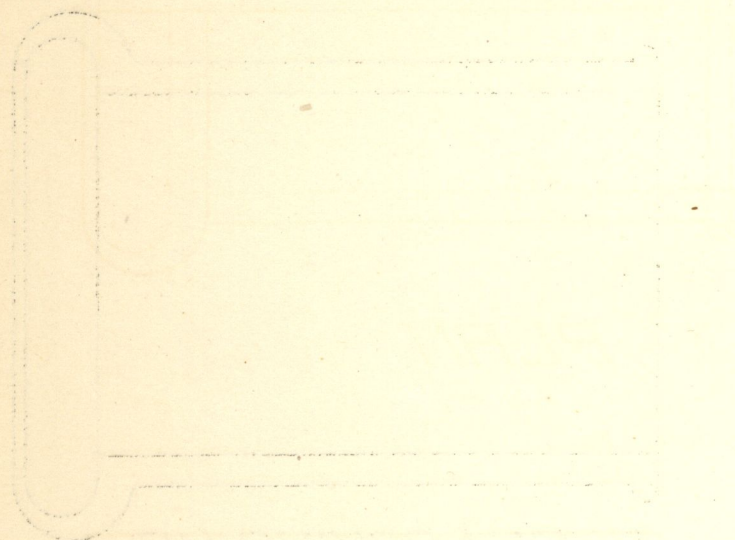
PLAN LOOKING UP



SECTION



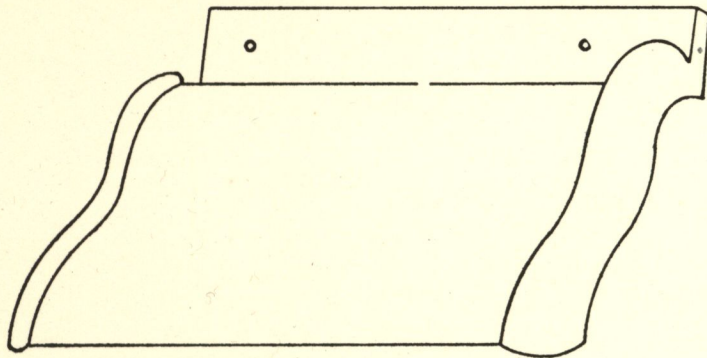
SECTION



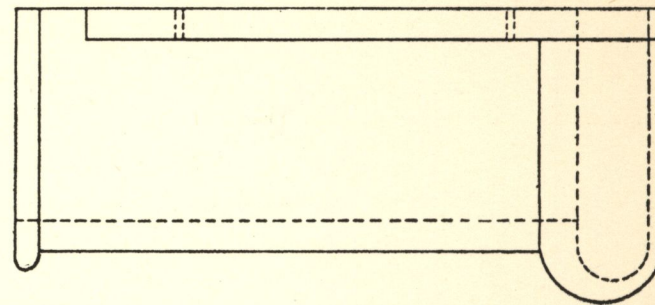
1000-130

1000-130

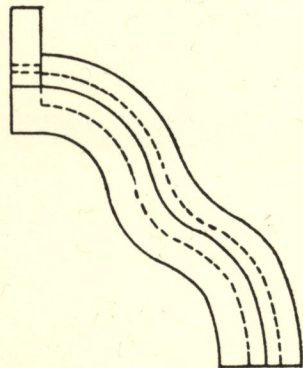
NO. 206 DECK MOULD RAISED FLANGE
LUDOWICI-CELADON CO.
SCALE 3" EQUAL 1'-0"



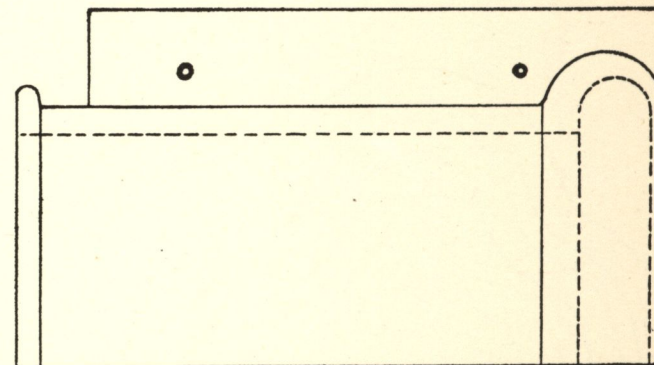
SKETCH



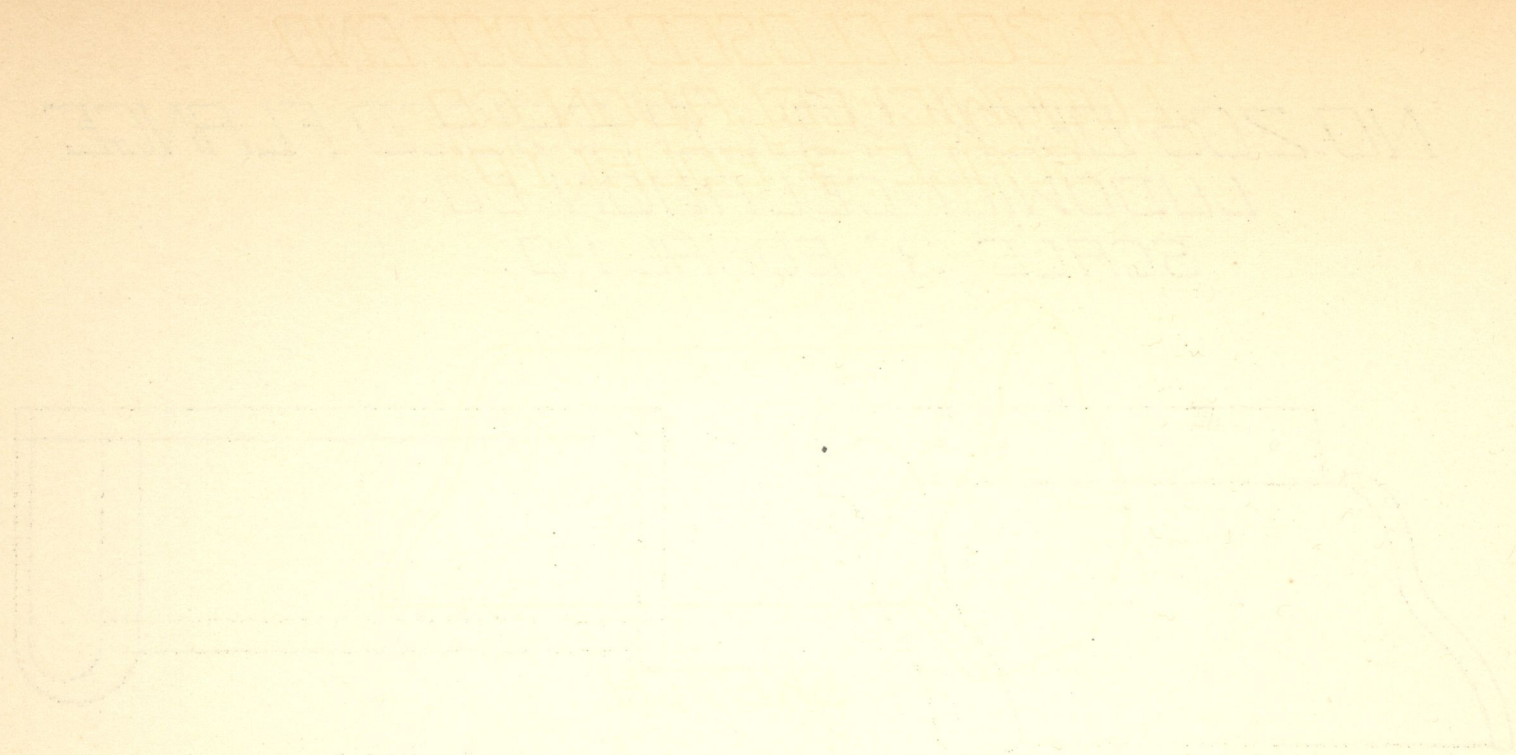
PLAN



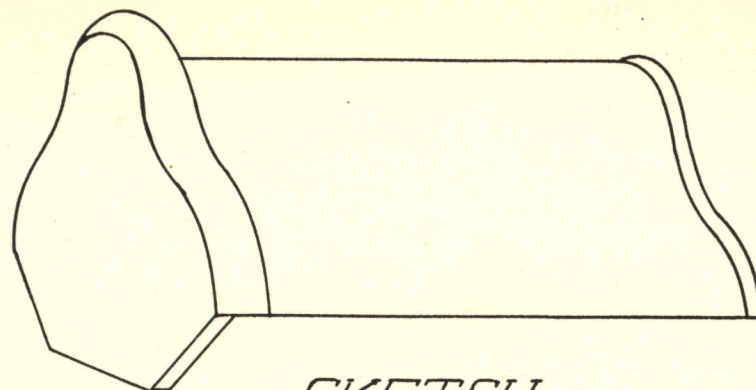
END VIEW



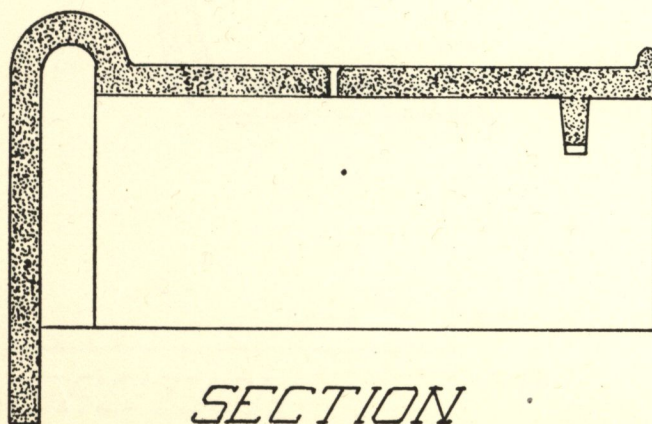
FRONT VIEW



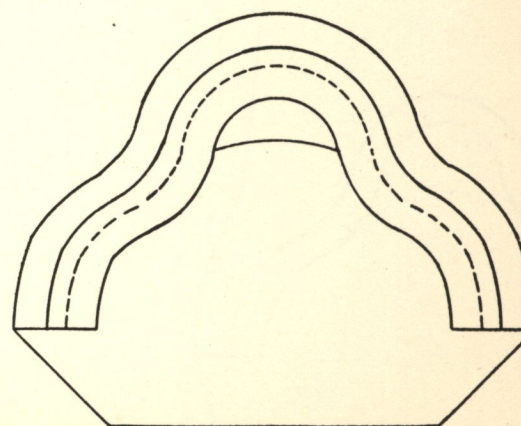
*NO 206 CLOSED RIDGE END
LUDOWICI-CELADON CO.
SCALE 3" EQUAL 1'-0"*



SKETCH



SECTION

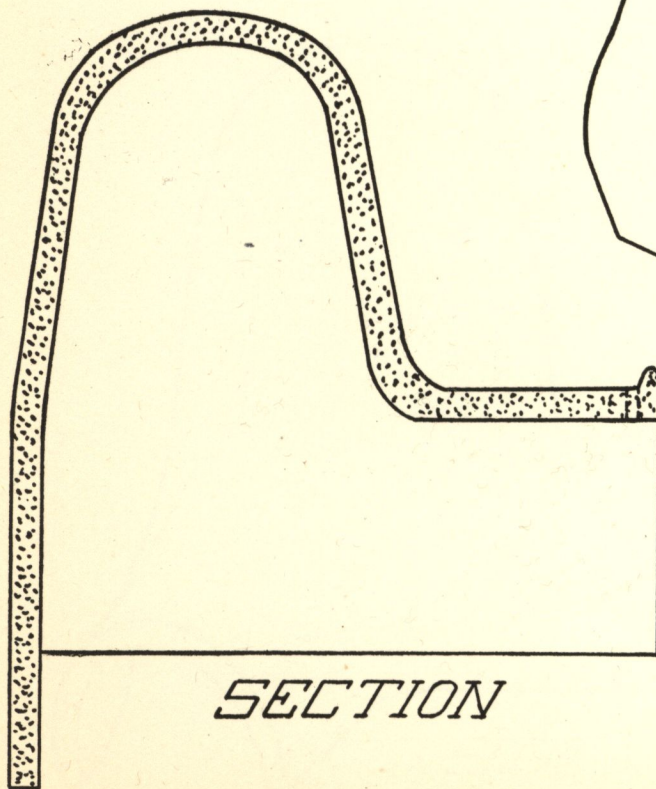


END

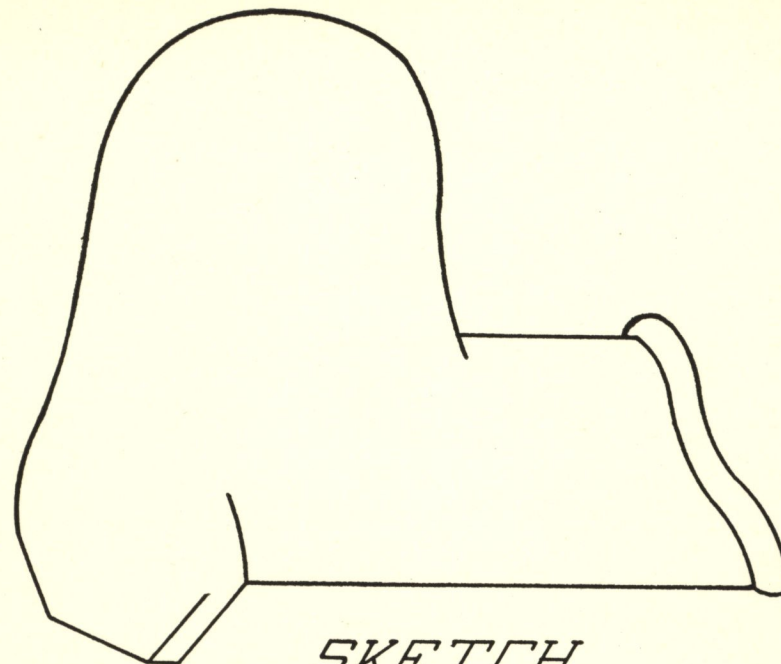
NO. 408 EBBLE TOWN
LUDLOW-CELESTINE RD
STATE 3 EBBLE RD
FOR NO 408 RD



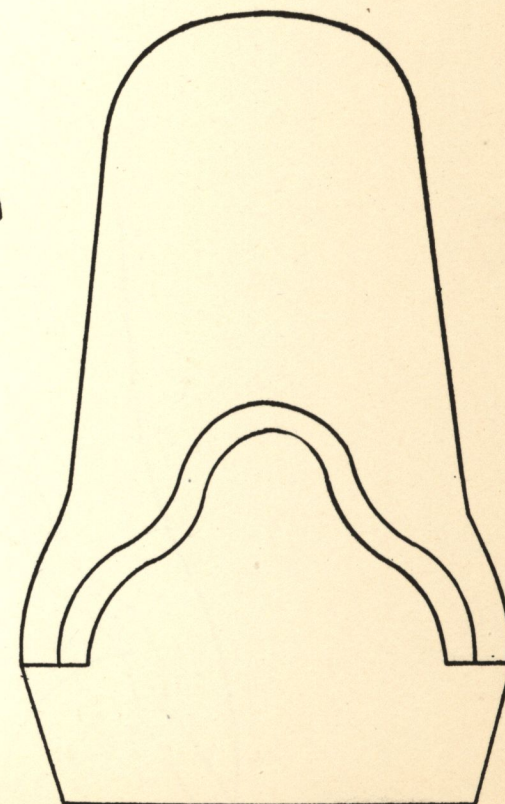
*NO. 406 GABLE TERMINAL
LUDOWICI-CELADON CO.
SCALE 3" EQUAL 1'-0"
FOR NO. 206 RIDGE*



SECTION



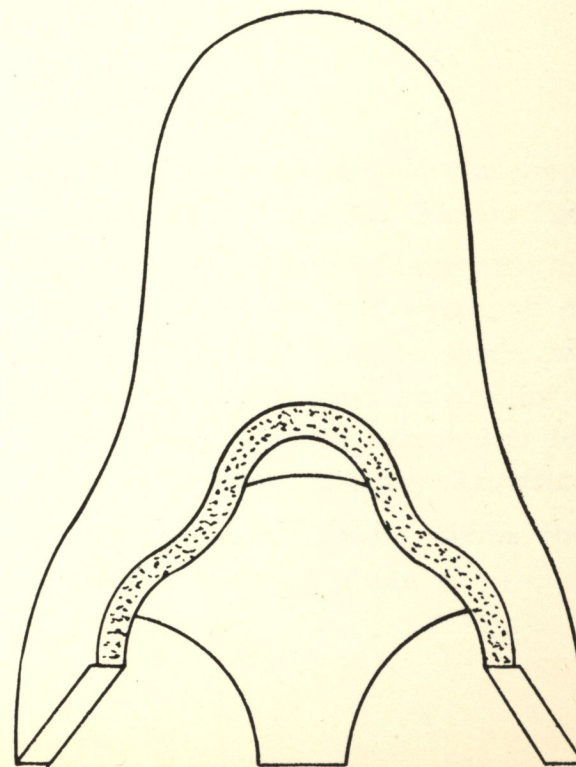
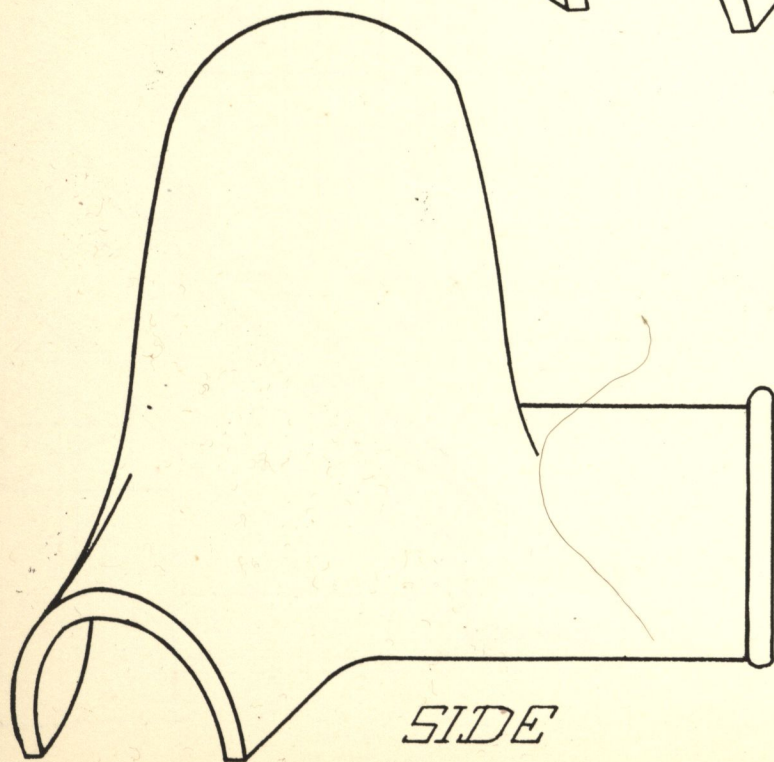
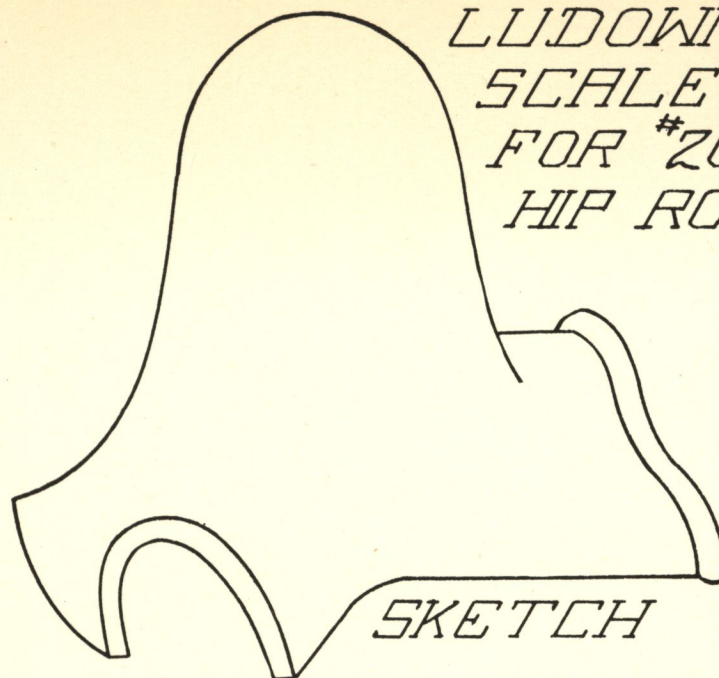
SKETCH



END

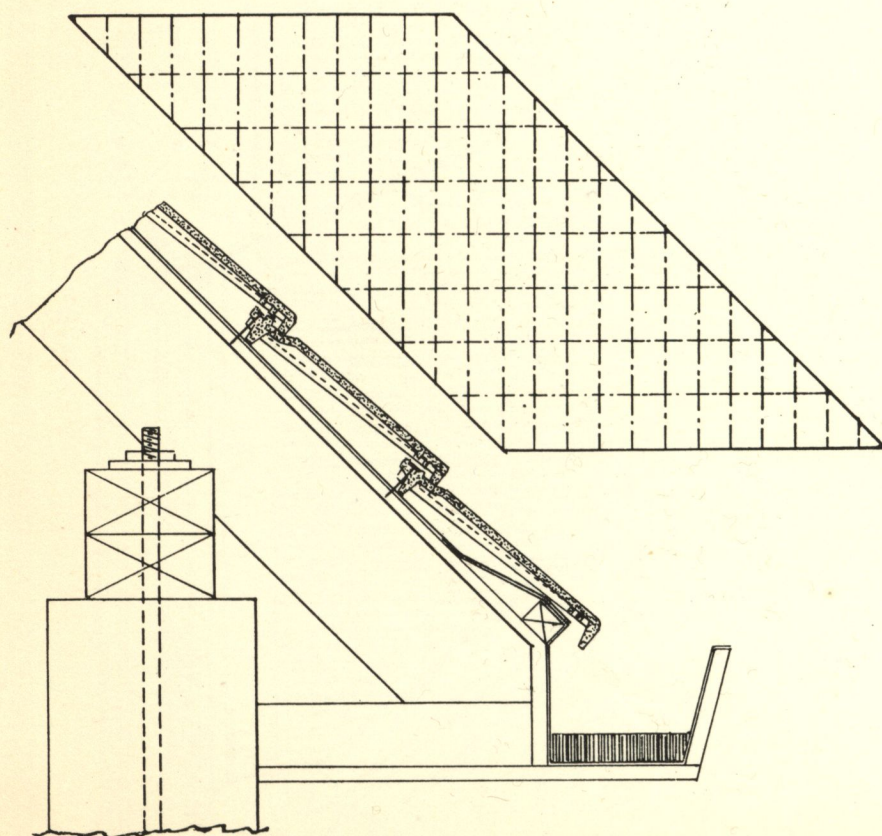
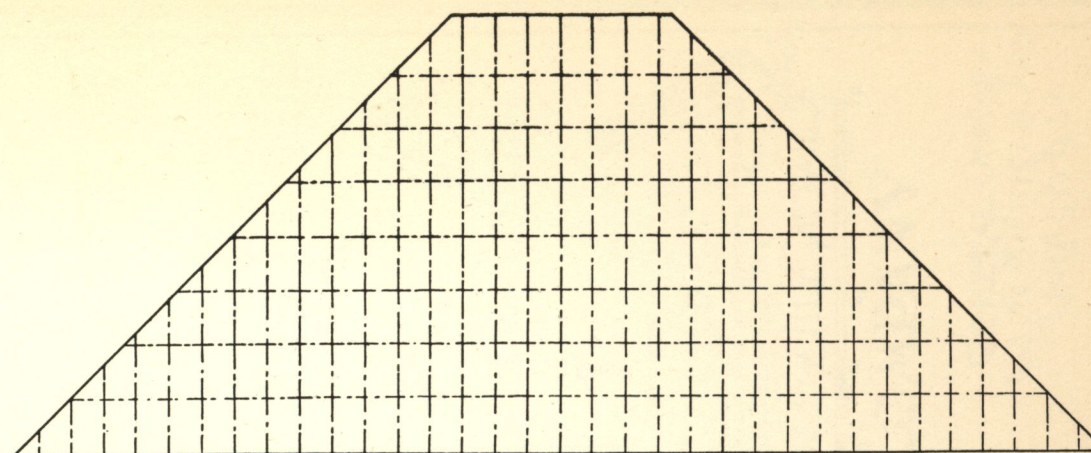
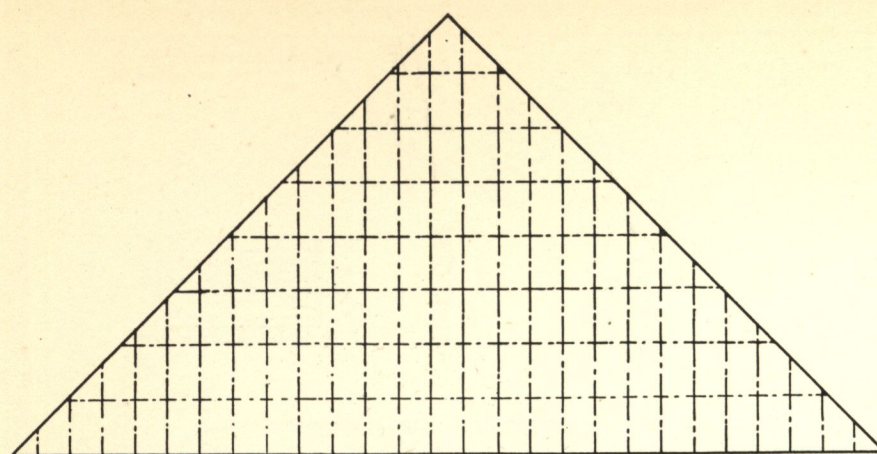


NO. 405 ZH+IC TERMINAL
LUDOWICI-CELADON CO.
SCALE 3" EQUAL 1'-0"
FOR #206 RIDGE AND #102
HIP ROLL



THE FIRST TERM
THOMAS G. GARDNER CO.
BOSTON, MASS.
OR THE REVEREND

THE FIRST TERM
THOMAS G. GARDNER CO.
BOSTON, MASS.
OR THE REVEREND

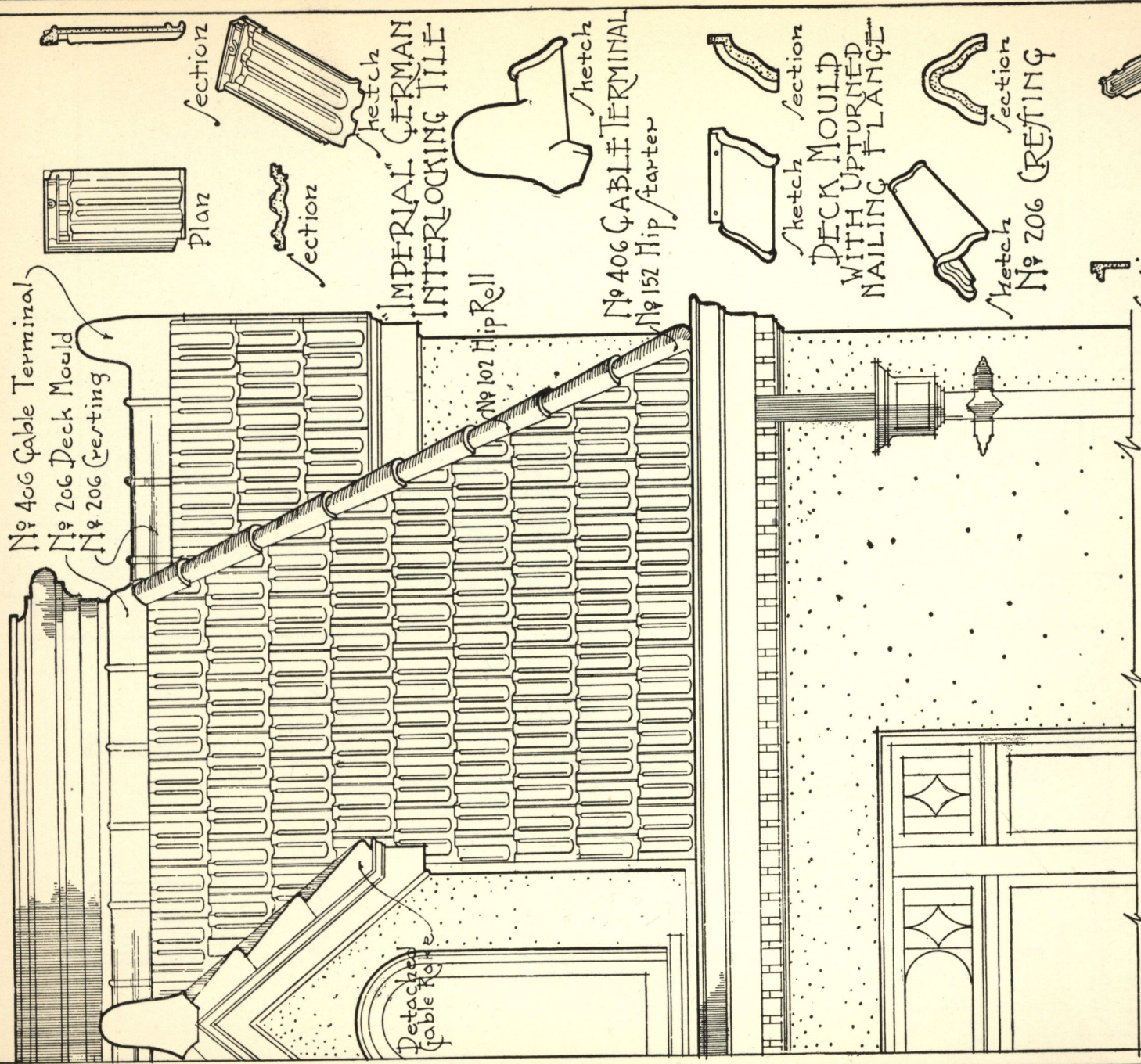


These illustrations show the proper method of lining roof for "Imperial" German Tile.

These tile lay approximately $8\frac{1}{8}$ inches width by $13\frac{3}{8}$ inches length. However, all shale tile has a range of size according to shade, which must be taken into consideration when lining roof. Therefore spacing must be increased or decreased as the shipment requires, but not so as to stretch the courses.

The sectional drawing shows the tile laid in connection with the gutter.

This image shows a blank, aged, cream-colored page, likely an endpaper or flyleaf of a book. The paper has a slightly textured appearance with some minor creases and discoloration, characteristic of old paper. There is no text or other markings on the page.



DETAIL of FRONT ELEVATION DETACHED GABLE
of a RESIDENCE WITH DECK ROOF
SCALE 1/2" = 1'-0"

LUDOWICI-CELADON COMPANY

DETAILS

MFG'RS of
TERRA COTTA
ROOFING TILE

"IMPERIAL" of GERMAN
INTERLOCKING TILE

GENERAL OFFICES
104 S. MICHIGAN AVE.
CHICAGO ILL.

G.L. Lockhart, Des.

ГЛАВНОЕ
УПРАВЛЕНИЕ
ПО ДЕЛАМ
ВНЕШНИХ
СВЯЗЕЙ

ГЛАВНОЕ
УПРАВЛЕНИЕ
ПО ДЕЛАМ
ВНЕШНИХ
СВЯЗЕЙ

ГЛАВНОЕ
УПРАВЛЕНИЕ
ПО ДЕЛАМ
ВНЕШНИХ
СВЯЗЕЙ

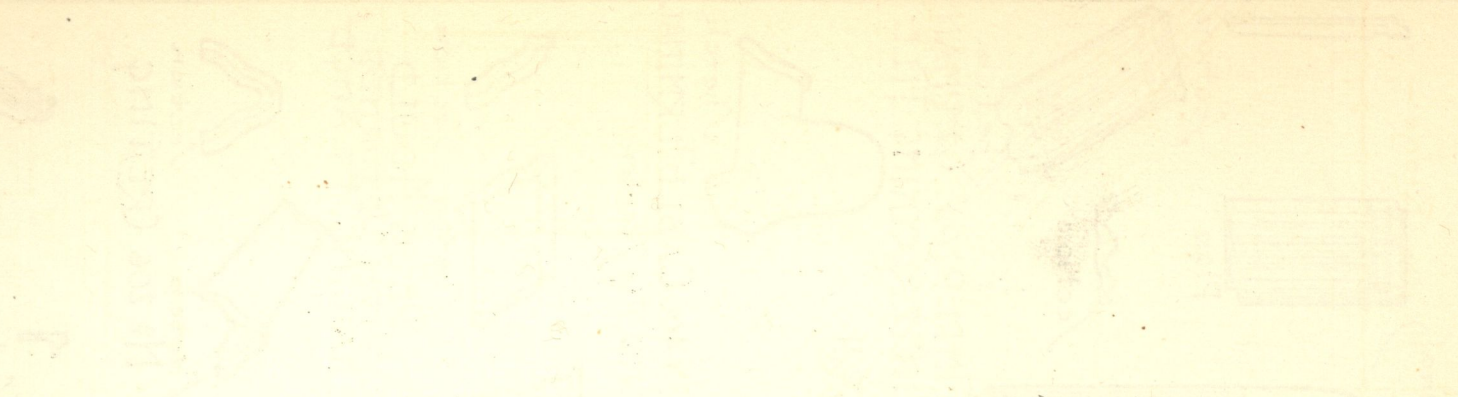
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УПРАВЛЕНИЕ
ПО ДЕЛАМ
ВНЕШНИХ
СВЯЗЕЙ

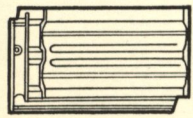
ГЛАВНОЕ
УПРАВЛЕНИЕ
ПО ДЕЛАМ
ВНЕШНИХ
СВЯЗЕЙ

ГЛАВНОЕ
УПРАВЛЕНИЕ
ПО ДЕЛАМ
ВНЕШНИХ
СВЯЗЕЙ

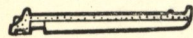
ГЛАВНОЕ
УПРАВЛЕНИЕ
ПО ДЕЛАМ
ВНЕШНИХ
СВЯЗЕЙ

ГЛАВНОЕ
УПРАВЛЕНИЕ
ПО ДЕЛАМ
ВНЕШНИХ
СВЯЗЕЙ





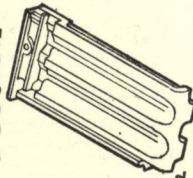
Plan



Section

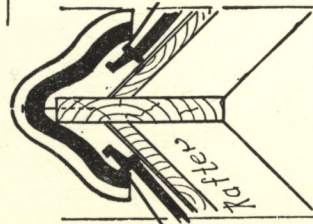


Section

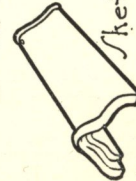


Sketch

"IMPERIAL" GERMAN INTERLOCKING TILE



SECTION "AA" SECTION "DD" SCALE 3/4" = 1'-0"



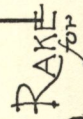
Sketch & Section

No 206 CRESTING



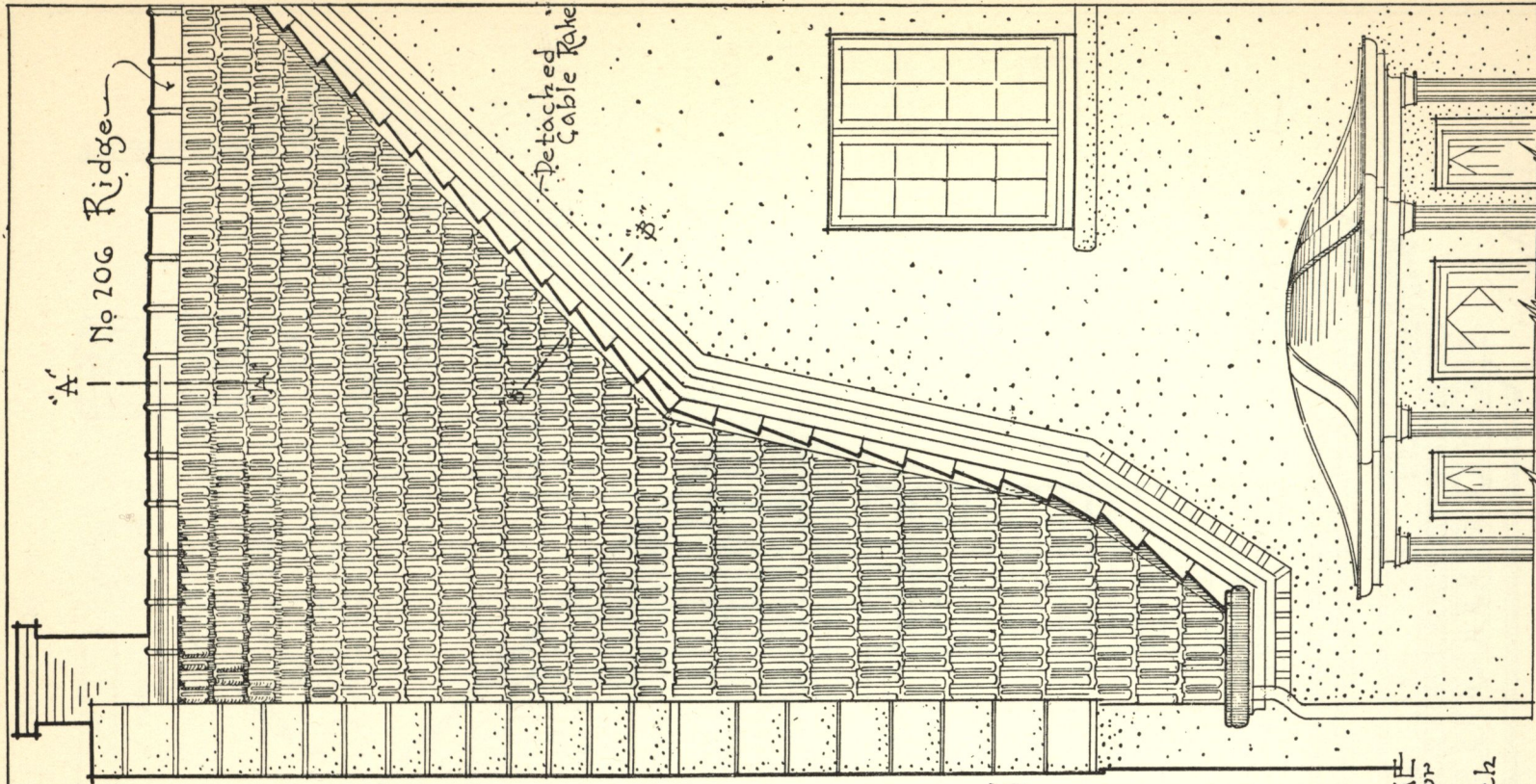
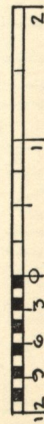
Section

DETACHED GABLE "IMPERIAL" GERMAN INTERLOCKING TILE



Sketch

SCALE OF TILE DETAILS



FRONT ELEV. of a RESIDENCE SCALE 1/4" = 1'-0"

LUDOWICI-CELADON COMPANY

DETAILS

MFGRS. of "IMPERIAL" GERMAN INTERLOCKING TILES
TERRA COTTA ROOFING TILES

GENERAL OFFICE
104.50 MICHIGAN AVE
CHICAGO ILL.

C. L. Lockhart, Architect, Del.

ИЗДАНИЕ ДРУГОЕ

ИЗДАНИЕ СЕРИИ

ДЕЛ

ИЗДАНИЕ СЕРИИ

ДЕЛ

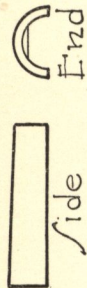
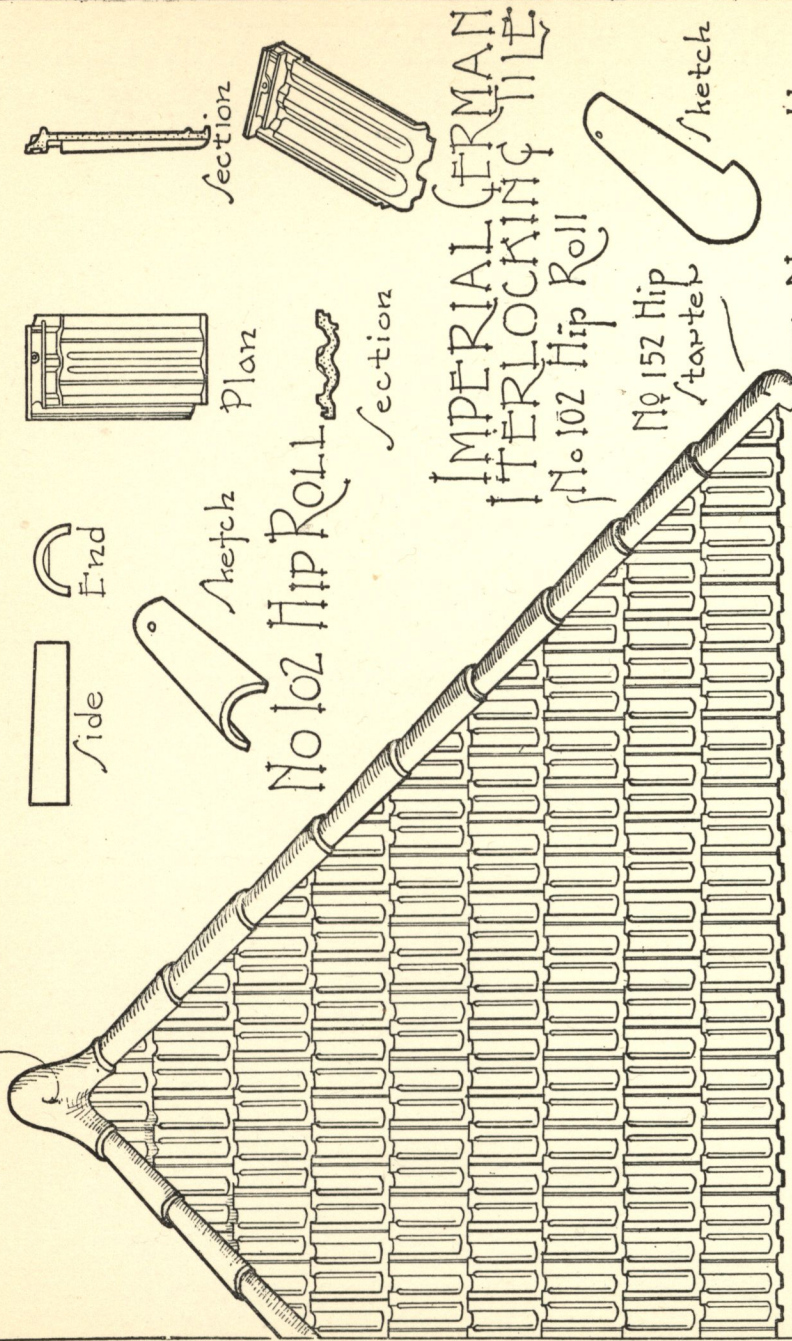
ИЗДАНИЕ СЕРИИ

ДЕЛ

ИЗДАНИЕ СЕРИИ

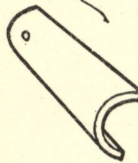
ДЕЛ

No 405 2H 1C Terminal



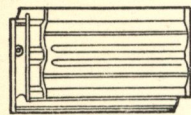
Side

End

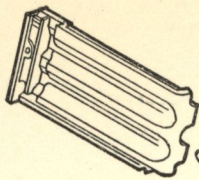


Sketch

No 102 Hip Roll



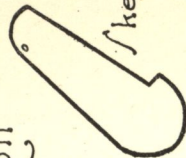
Plan



Section

Section

IMPERIAL GERMAN
INTERLOCKING TILE
No 102 Hip Roll



Sketch

No 152 Hip
Starter

No 152 Hip
STARTER



Side



Sketch

No 405 2H & 1C
TERMINAL

SCALE of
TILE DETAILS

DETAIL of DORMER WITH
"IMP" GERMAN INTERLOCKING TILE ROOF

LUDOWICI-CELADON COMPANY

DETAILS

"IMPERIAL" GERMAN
INTERLOCKING TILE

MFGRS of
TERRA COTTA
ROOFING TILES

GENERAL OFFICES
104 So. MICHIGAN AVE
CHICAGO, ILL.

Gallockhart, Del.

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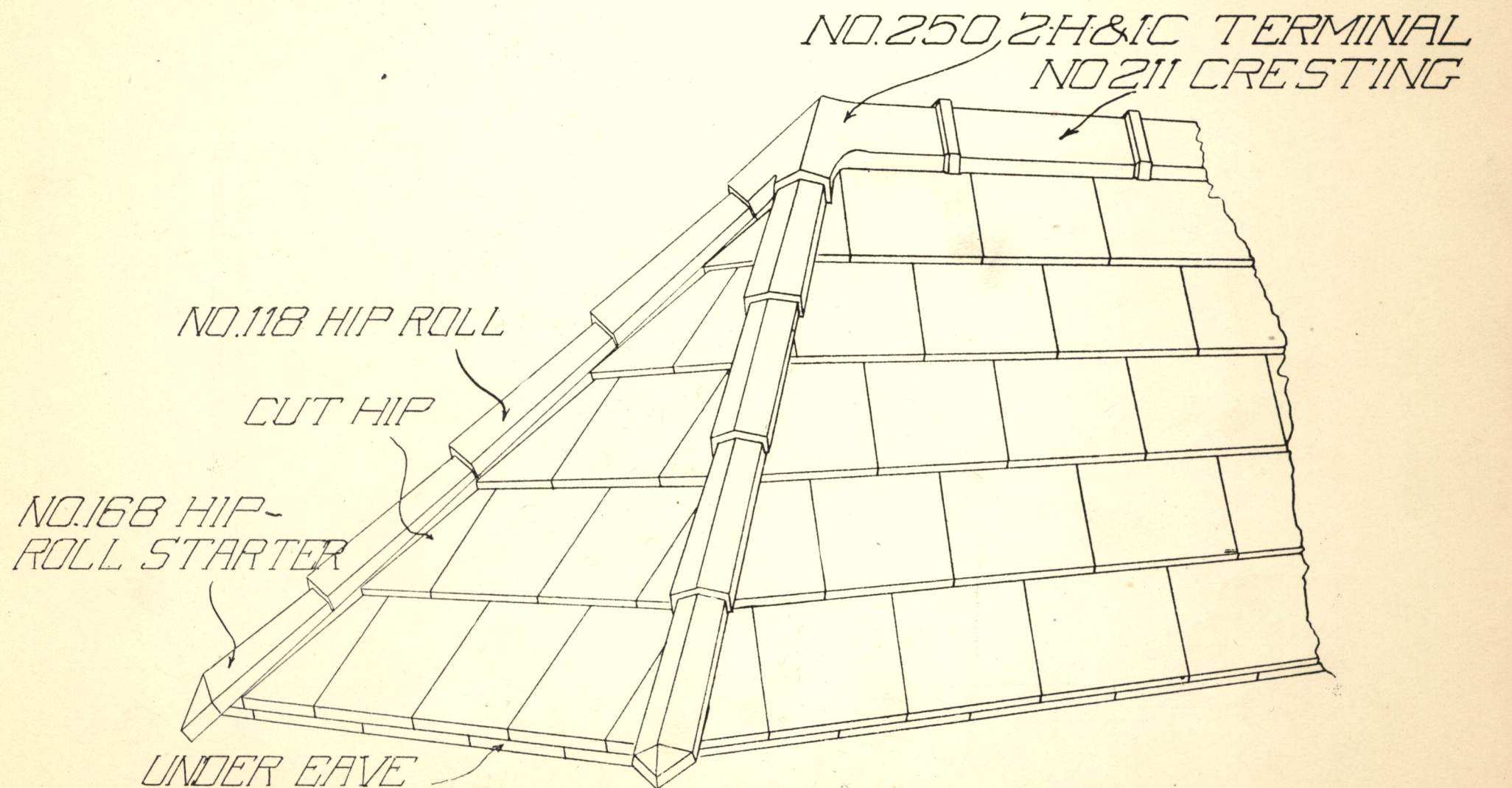
LIBRARY

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SKETCH OF "IMPERIAL" CLOSED SHINGLE TILE
WITH UNDER EAVES, CUT HIP, NO. 118 HIP ROLL, NO. 168 HIP
ROLL STARTERS, NO. 211 CRESTING AND NO 250 2H&IC
TERMINAL.



-LUDOWICI-CELADON-CO.-

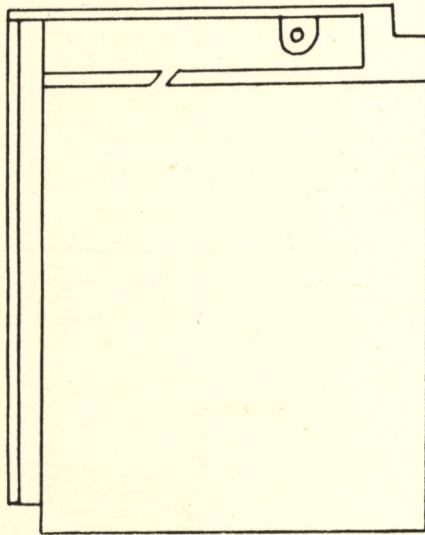
RECEIVED
JAN 10 1901
U.S. DEPT. OF AGRICULTURE
WASHINGTON, D.C.

OFFICE OF THE
COMMISSIONER OF LAND OFFICE

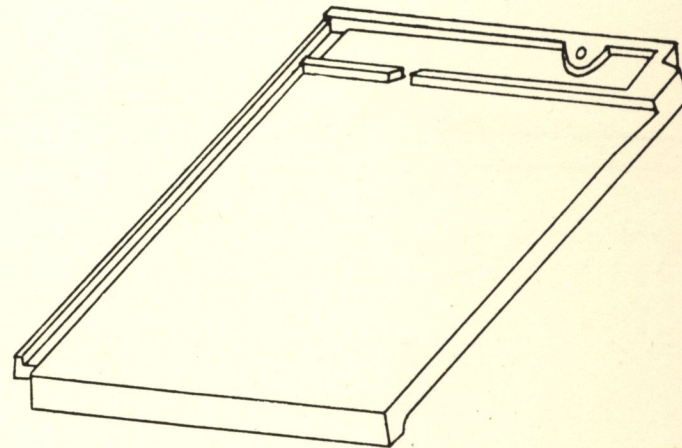
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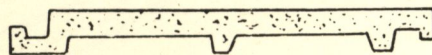
"IMPERIAL" CLOSED SHINGLE TILE
LUDOWICI - CELADON CO.
SCALE 3" EQUALS 1'-0"



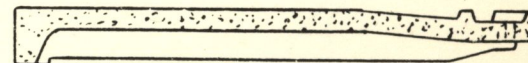
PLAN



SKETCH



SECTION



SECTION

INDEX FILE
FOR THE
IMPROVED AND ENHANCED THE
MATERIALS - APPROVED
2000-2001



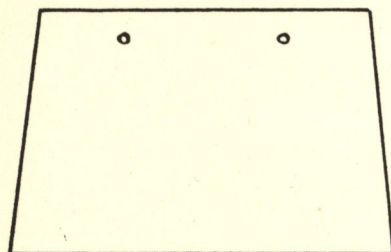
WATER

~

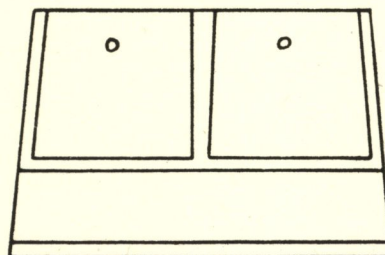


WATER

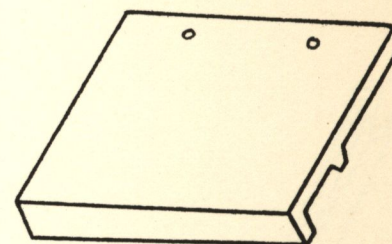
UNDER EAVE
 FOR
 "IMPERIAL" CLOSED SHINGLE TILE
 LUDOWICI-CELADON CO.
 SCALE 3" EQUAL 1'-0"



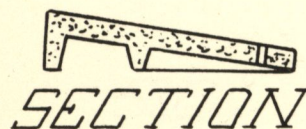
PLAN



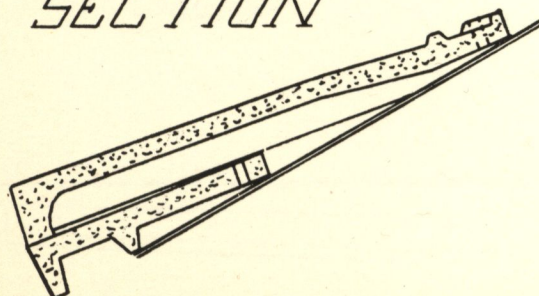
PLAN



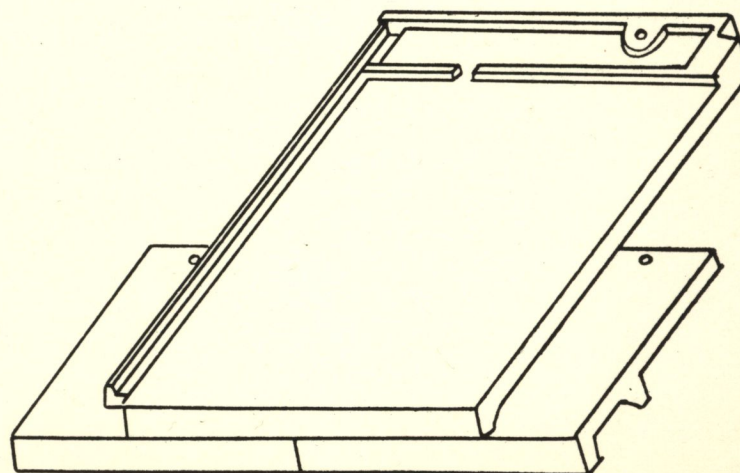
SKETCH



SECTION



SECTION



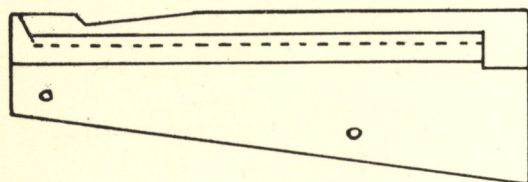
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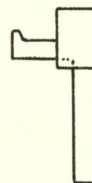
SKETCH

SKETCH

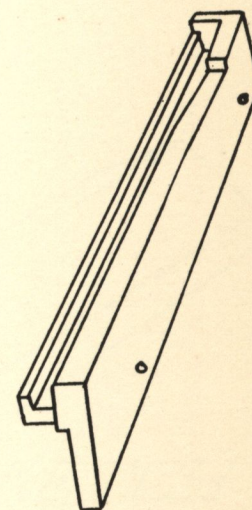
*DETACHED GABLE RAKE
FOR
"IMPERIAL" CLOSED SHINGLE TILE
LUDOWICI-CELADON CO.
SCALE 3" EQUAL 1'-0"*



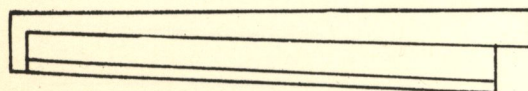
SIDE



END



SKETCH

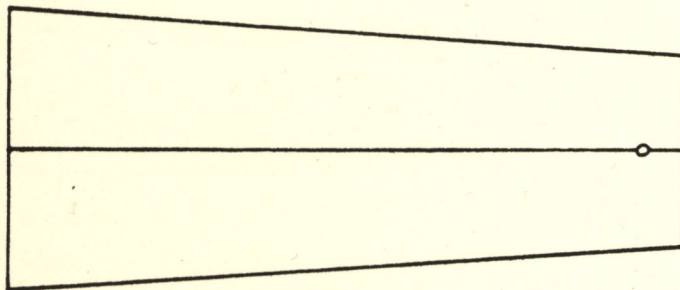


PLAN

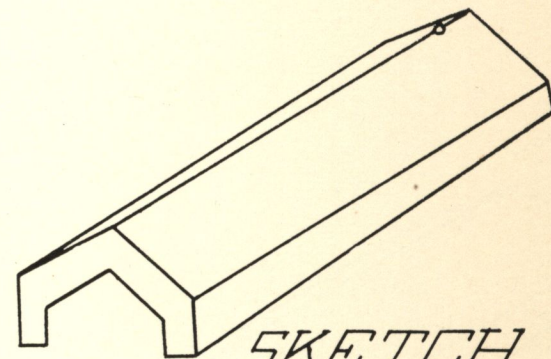
THE
NOTICE
OF THE
BOARD OF
DIRECTORS
OF THE
NEW YORK
AND
JERSEY
EDUCATION
BOARD

NAME	
RESIDENCE	
DATE	
SIGNATURE	
OFFICE	
TELEPHONE	
STREET	
CITY	
STATE	
ZIP	

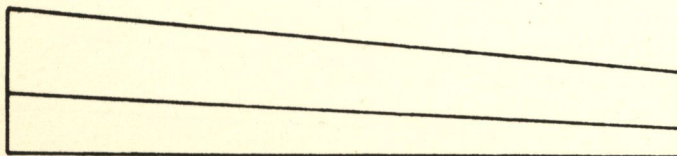
NO. 118 HIP ROLL
LUDOWICI-CELADON CO.
SCALE 3" EQUAL 1'-0"
TO BE USED WITH
"IMPERIAL" CLOSED SHINGLE TILE



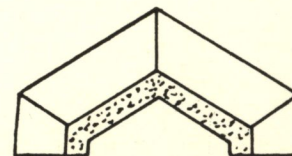
PLAN



SKETCH

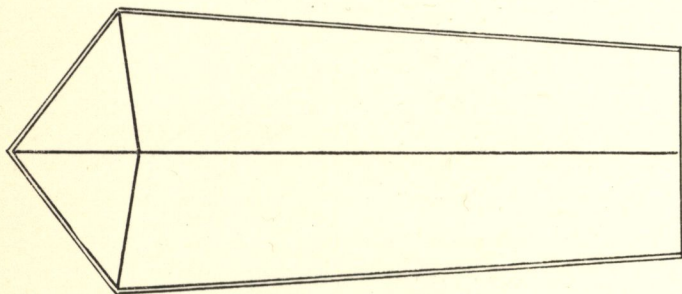


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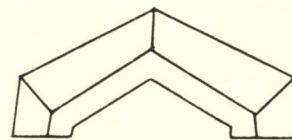


SECTION

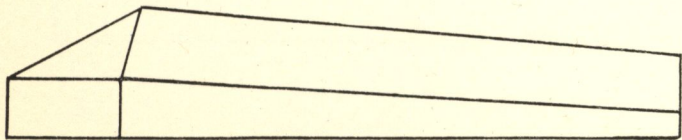
NO. 168 HIP STARTER
LUDOWICI-CELADON CO.
SCALE 3" EQUAL 1'-0"
TO BE USED WITH
"IMPERIAL" CLOSED SHINGLE TILE



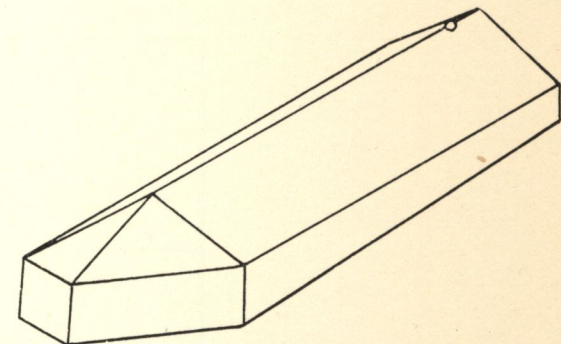
PLAN



END

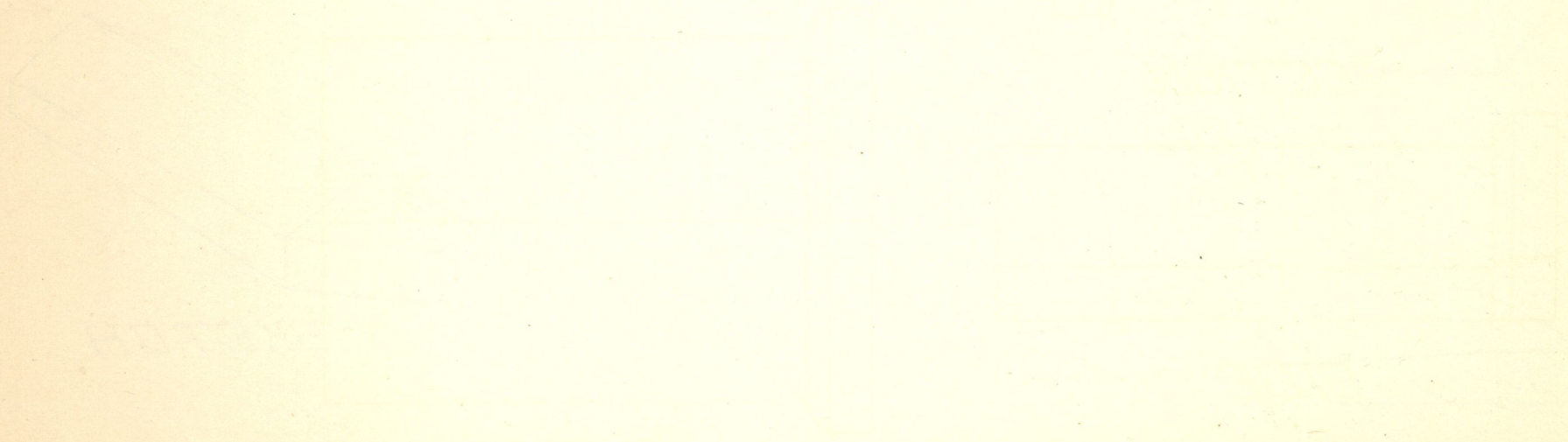
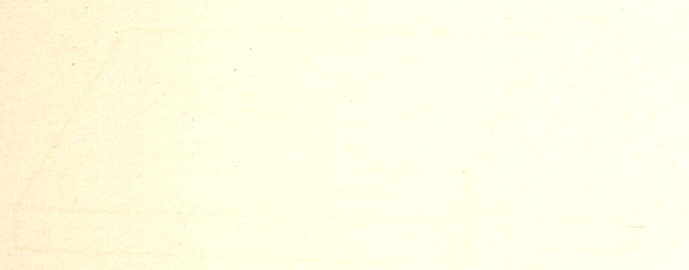


SIDE

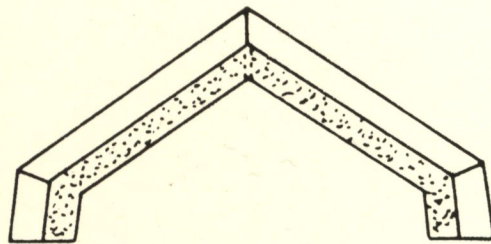


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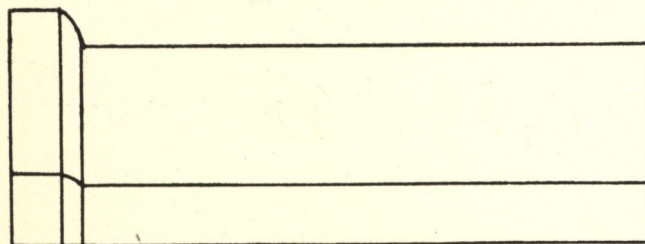
LIBRARY OF THE
UNITED STATES DEPARTMENT OF
THE INTERIOR
BUREAU OF LAND MANAGEMENT
WASHINGTON, D. C.



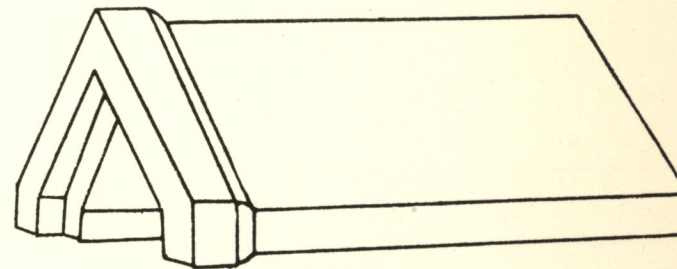
*NO. 211 RIDGE
LUDOWICI-CELADON CO.
SCALE 3" EQUAL 1'-0"
TO BE USED WITH
"IMPERIAL" CLOSED SHINGLE TILE*



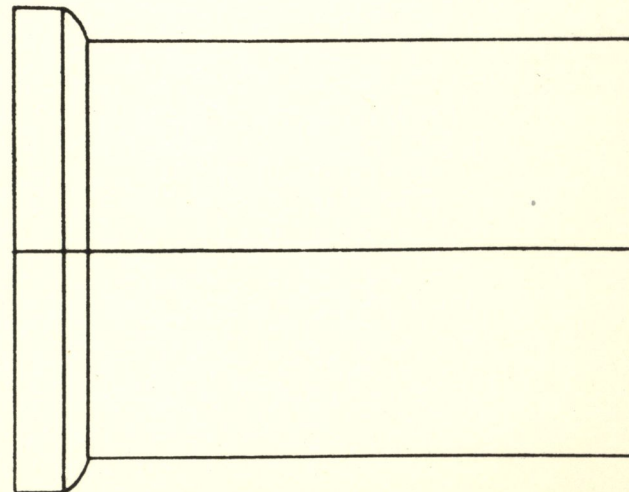
SECTION



SIDE

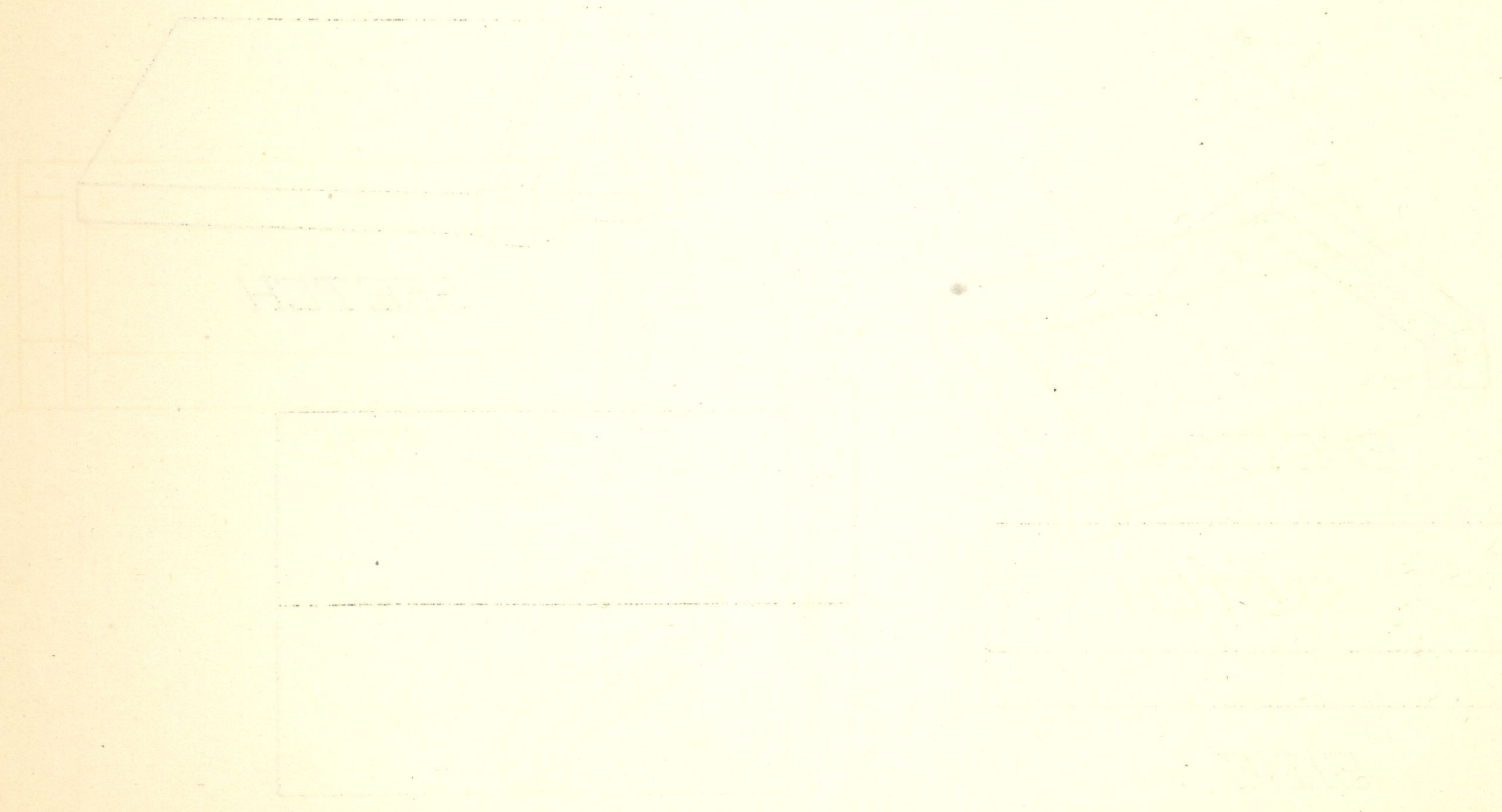


SKETCH

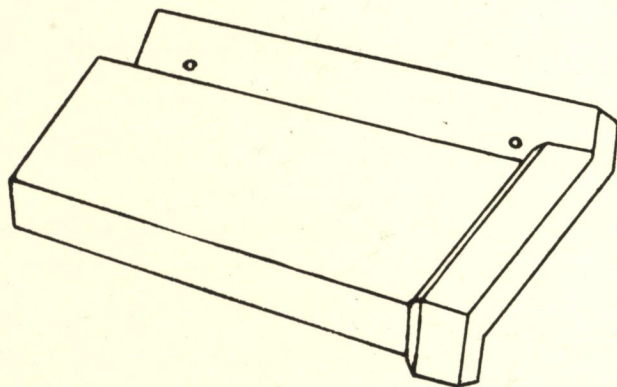


PLAN

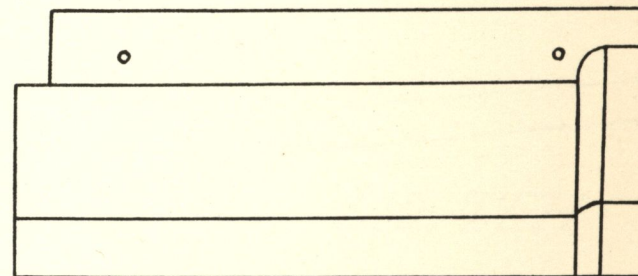
NOTICE TO THE PUBLIC
THE BOARD OF
SCHOOL DIRECTORS



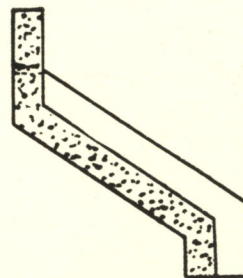
*NO. 211 DECK MOULD RAISED FLANGE
LUDOWICI-CELADON CO.
SCALE 3" EQUAL 1'-0"*



SKETCH



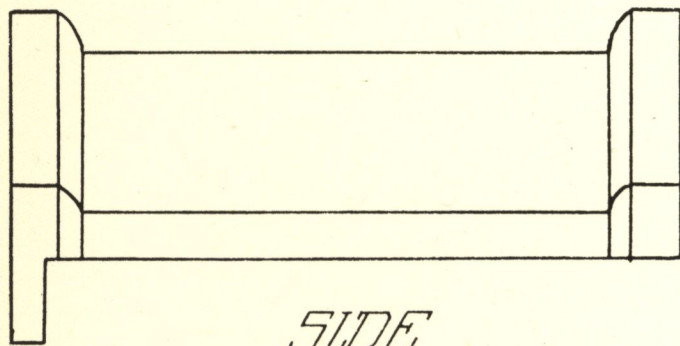
SIDE



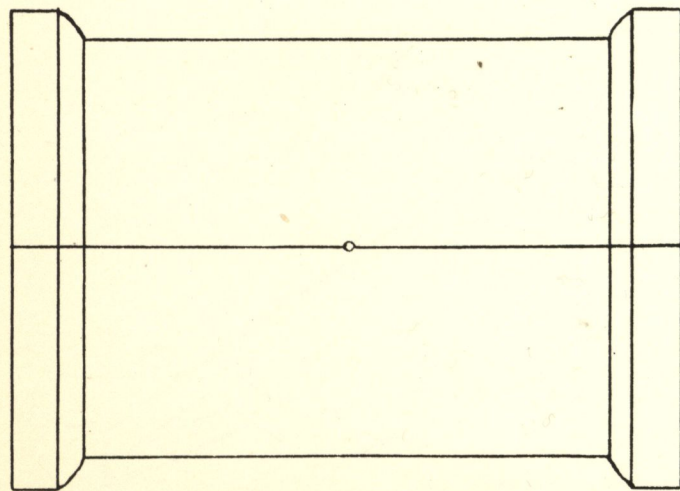
SECTION



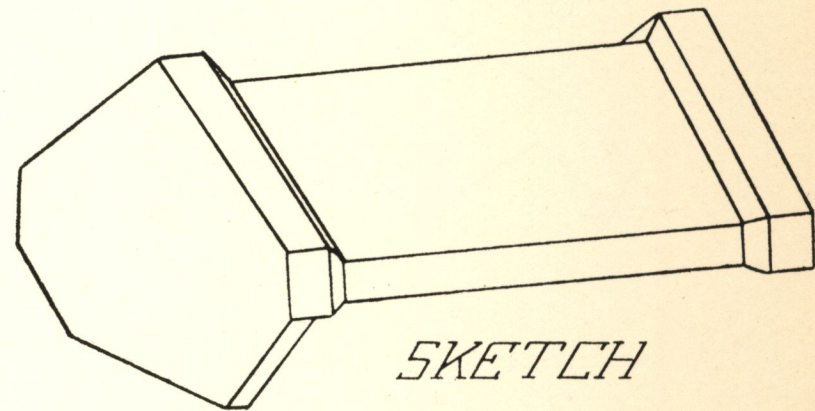
*NO. 211 CLOSED RIDGE END
LUDOWICI-CELADON CO.
SCALE 3" EQUAL 1'-0"
TO BE USED WITH
"IMPERIAL" CLOSED SHINGLE TILE*



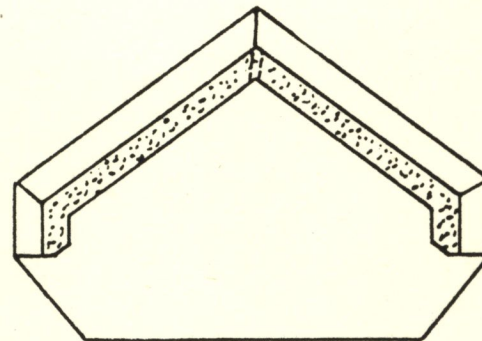
SIDE



PLAN



SKETCH



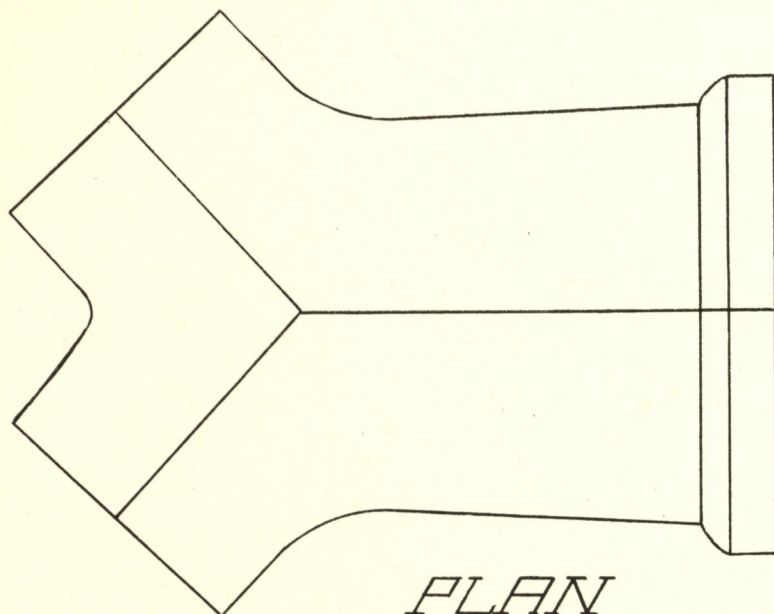
SECTION

NOTED FOR END
LITONIC LITONIC
OF 1913 & 1914
HIM 1913
LITONIC LITONIC

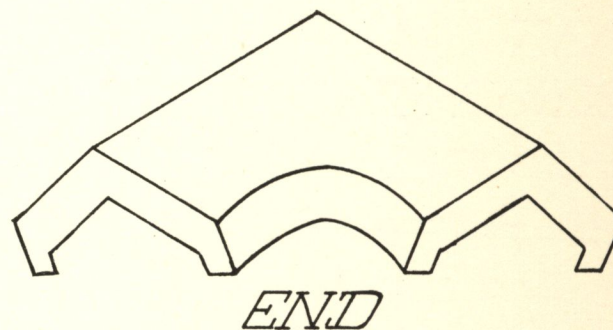


1913

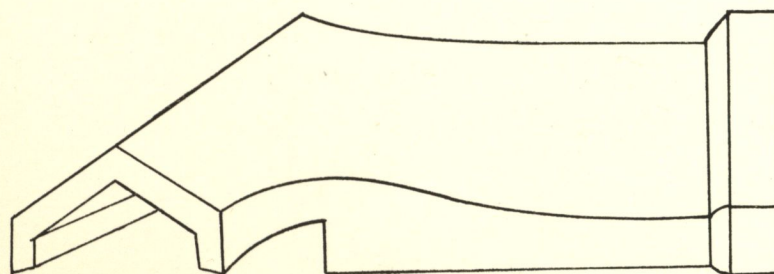
NO. 250 TERMINAL FOR #118 HIP ROLL AND #211 RIDGE
LUDOWICI-CELADON CO.
SCALE 3" EQUAL 1'-0"
TO BE USED WITH
"IMPERIAL" CLOSED SHINGLE TILE



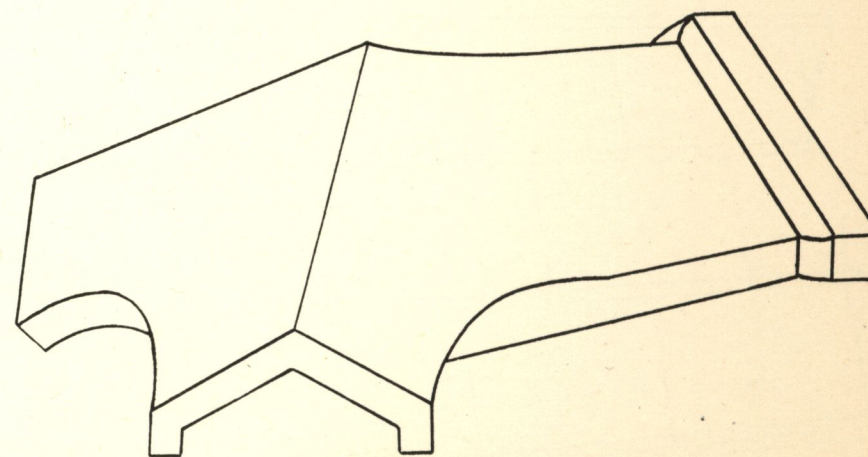
PLAN



END

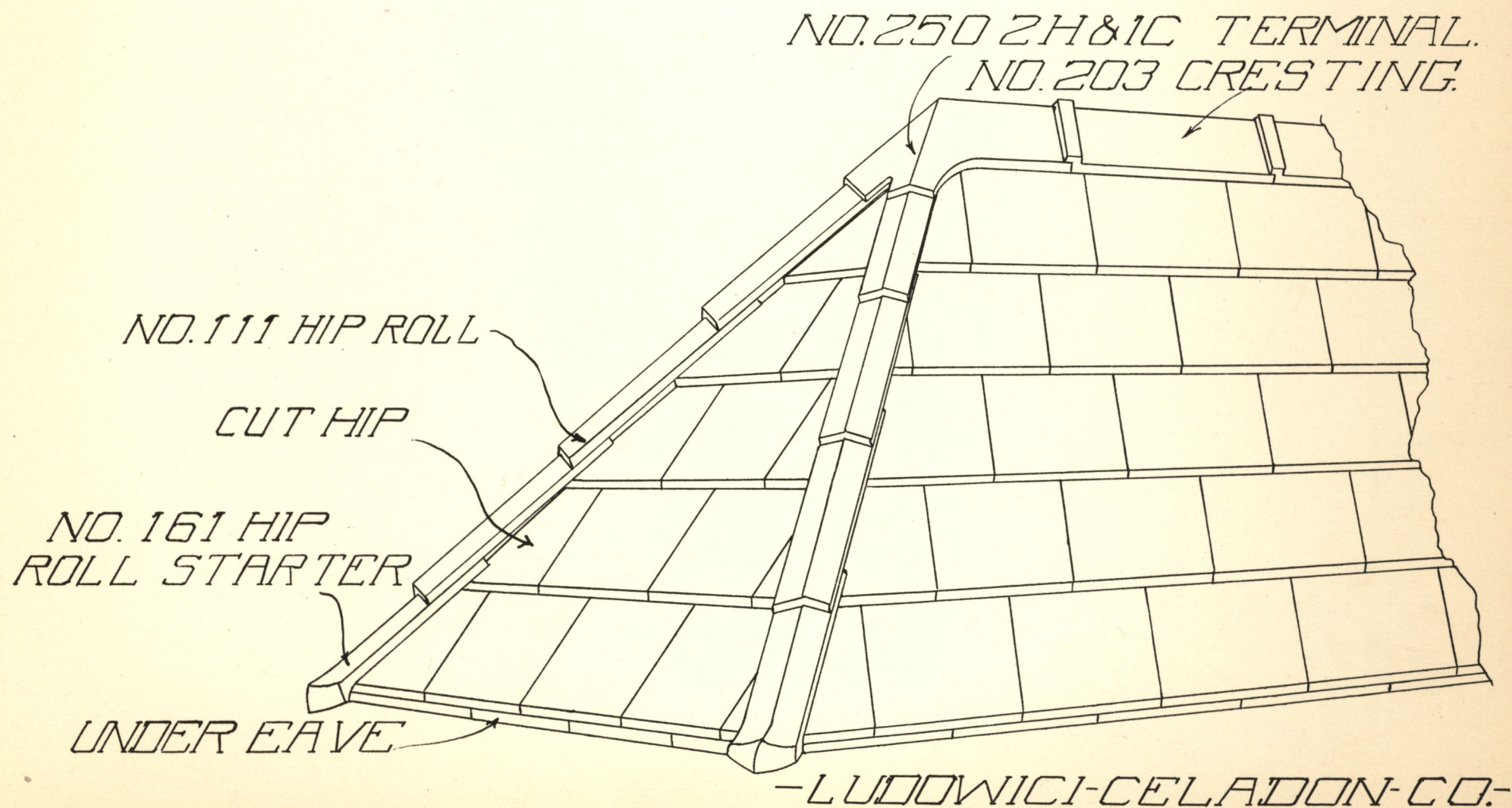


SIDE

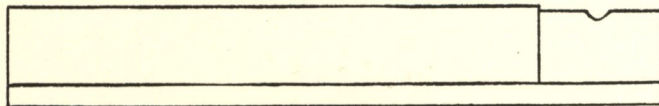


SKETCH

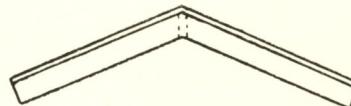
SKETCH OF "IMPERIAL" CLOSED SHINGLE TILE SHOWN
WITH CUT HIP, NO. 111 HIP ROLL, NO. 161 HIP ROLL
STARTERS, NO. 203 CRESTING AND NO. 250 2H&1C
TERMINAL.



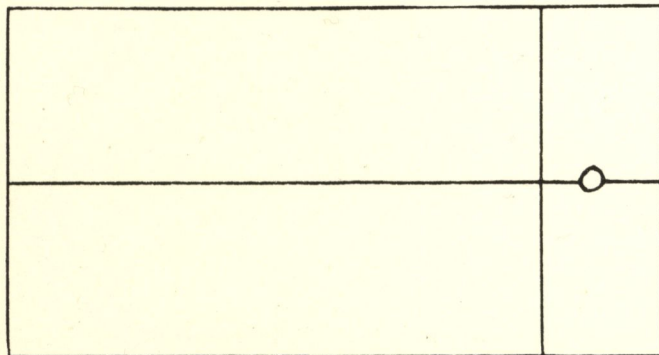
NO 111 HIP ROLL
LUDOWICI-CELADON CO.
SCALE 3" EQUAL 1'-0"



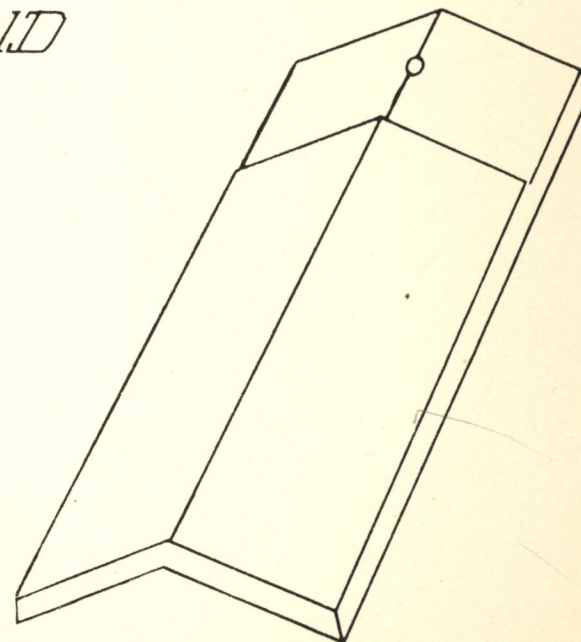
SIDE



END

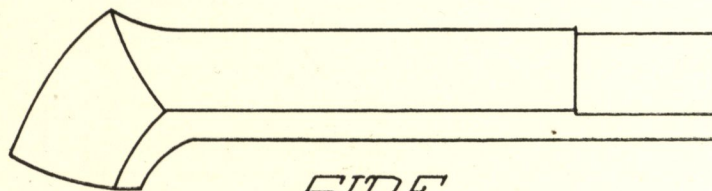


PLAN

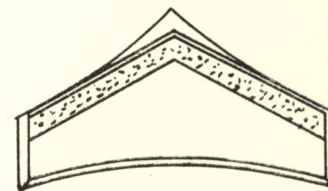


SKETCH

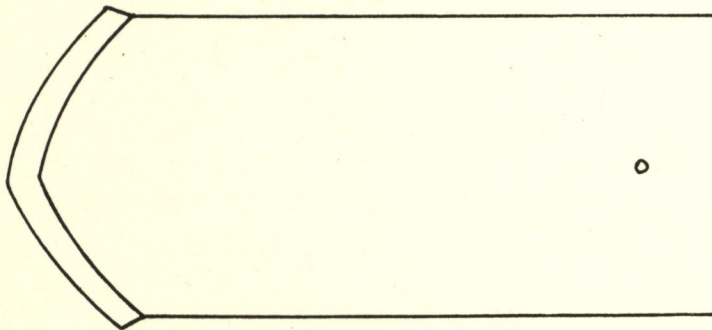
*NO. 161 HIP STARTER
LUDOWICI-CELADON CO.
SCALE 3" EQUAL 1'-0"*



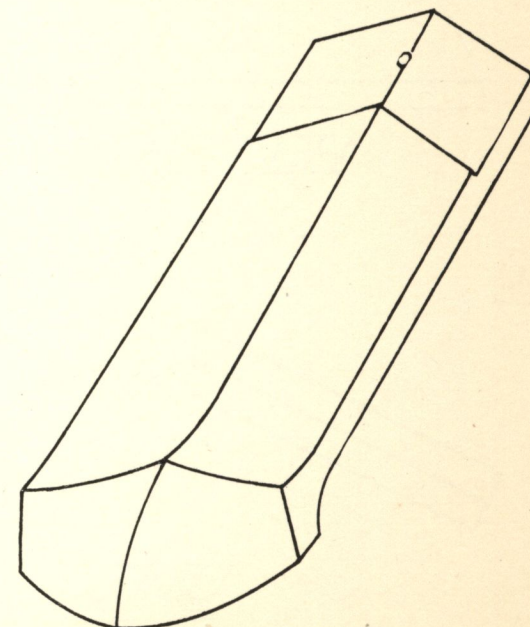
SIDE



SECTION



PLAN.

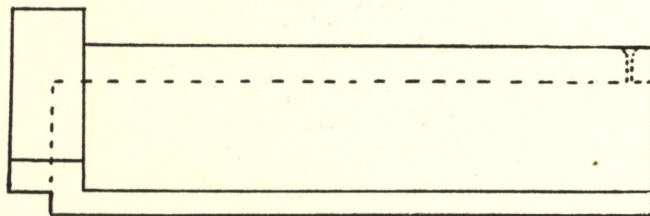


SKETCH.

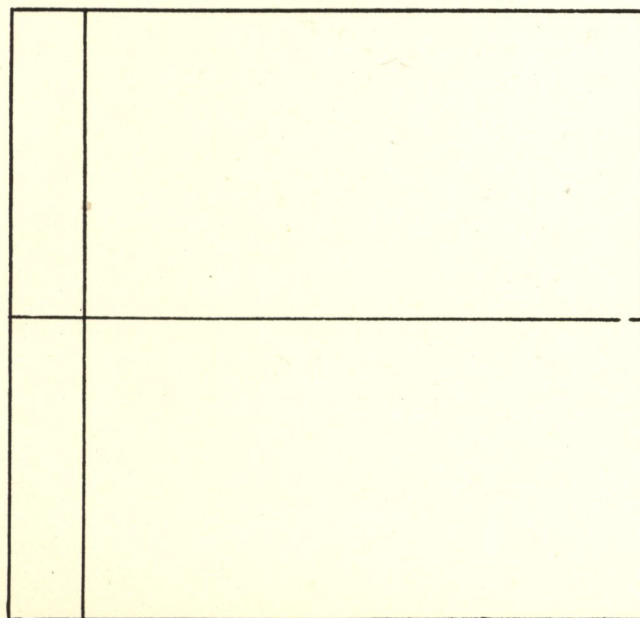
NOTES
TO THE
COMMISSIONER

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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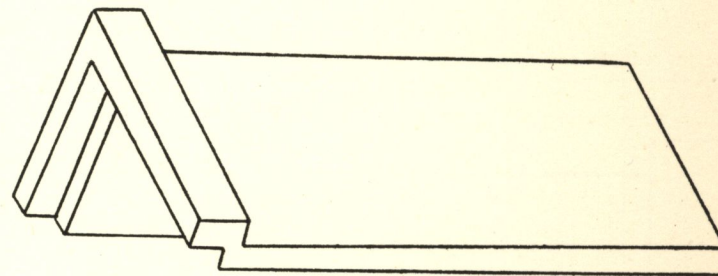
*NO. 203 RIDGE
LUDOWICI-CELADON CO.
SCALE 3" EQUAL 1'-0"*



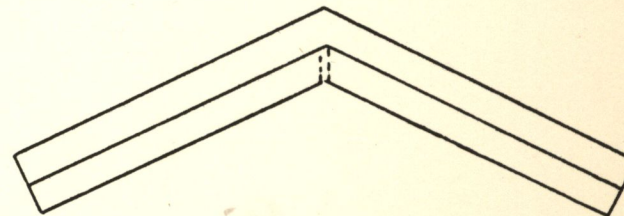
SIDE



PLAN

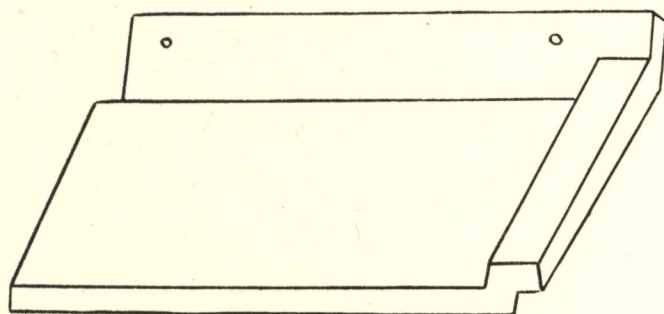


SKETCH

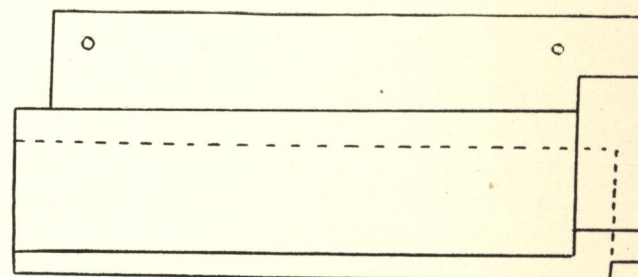


END

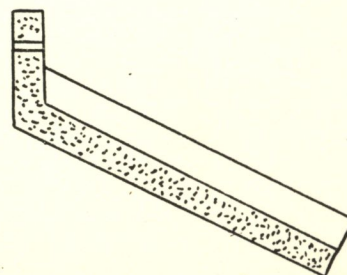
NO. 203 DECK MOULD RAISED FLANGE
LUDOWICI-CELADON CO.
SCALE 3" EQUAL 1-0"



SKETCH



SIDE



SECTION

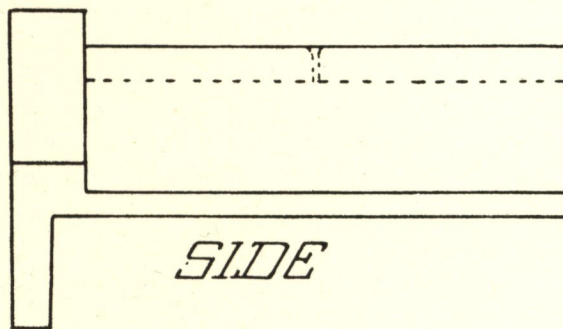
THE UNIVERSITY OF CHICAGO

LIBRARY

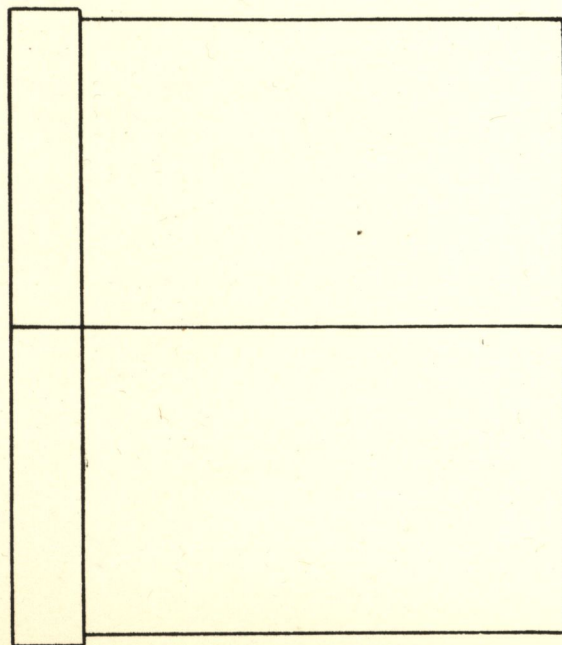
OF THE



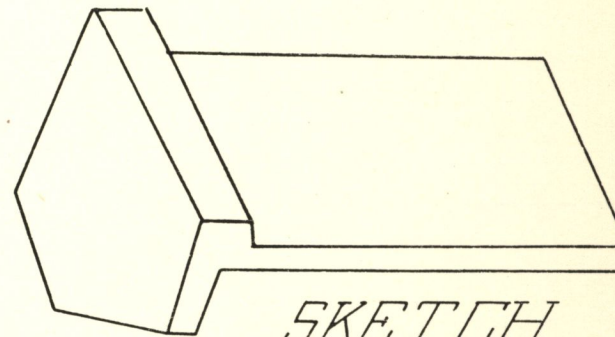
NO. 203 CLOSED RIDGE END
LUDOWICI - CELADON CO.
SCALE 3" EQUAL 10"



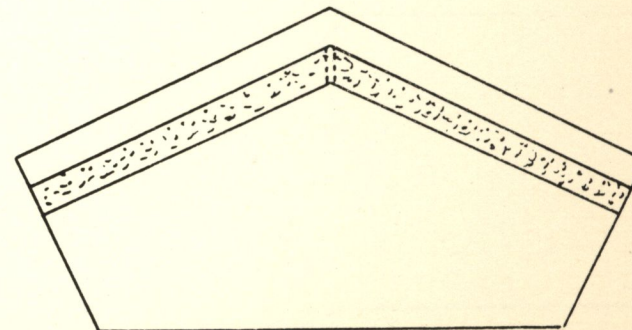
SIDE



PLAN



SKETCH

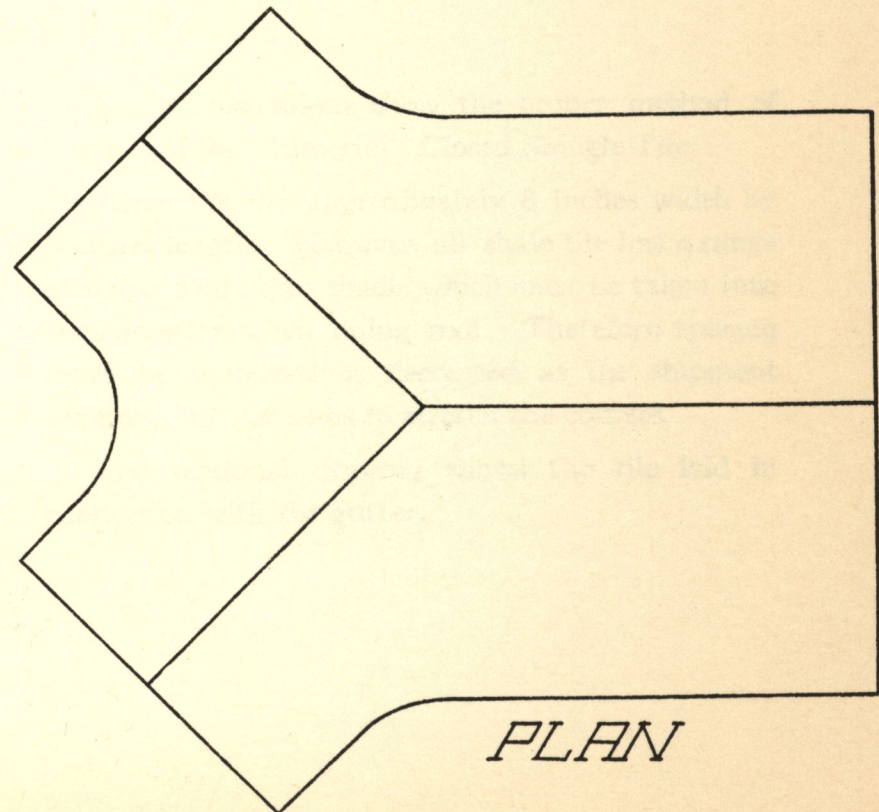
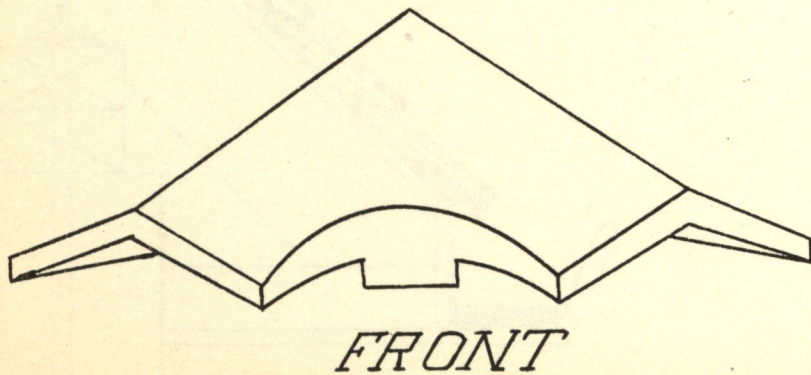
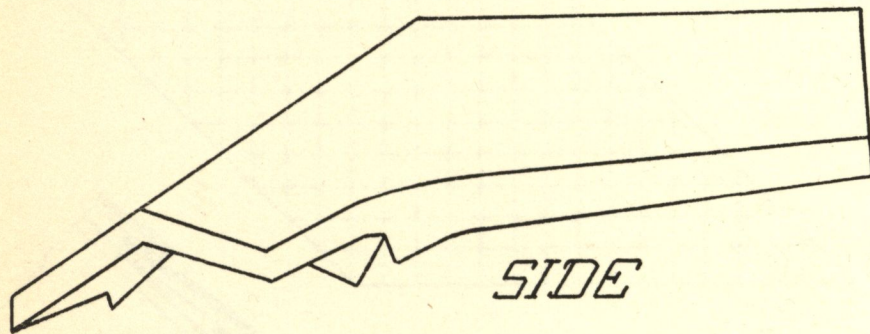
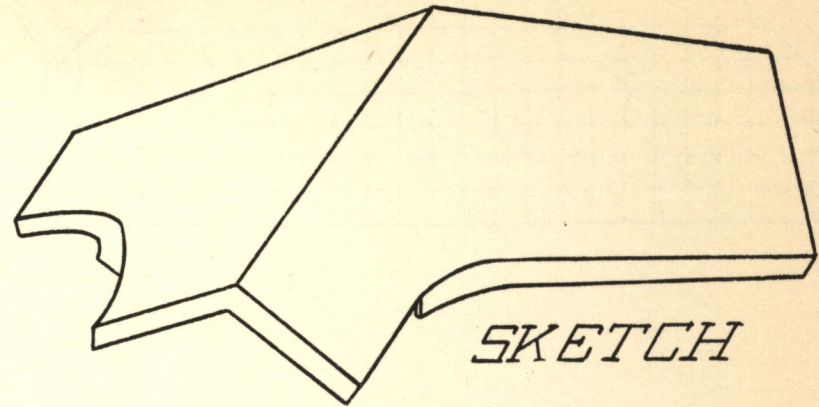


SECTION

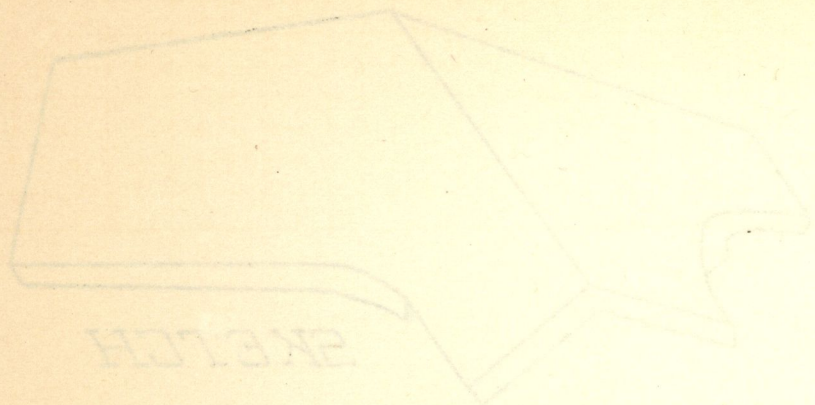
NO. 250 BATH THERMAL FOR IN THE ROLL AND 203 ROLL
LONDON - LONDON TO
LONDON - LONDON TO

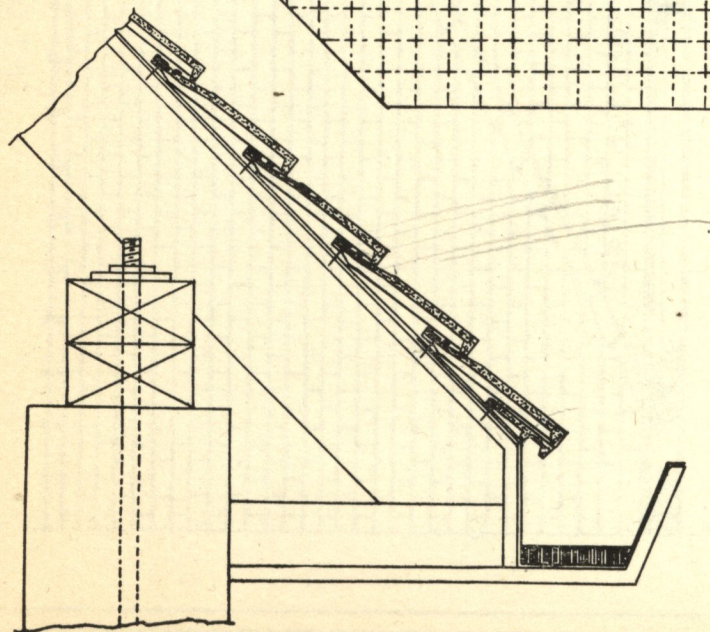
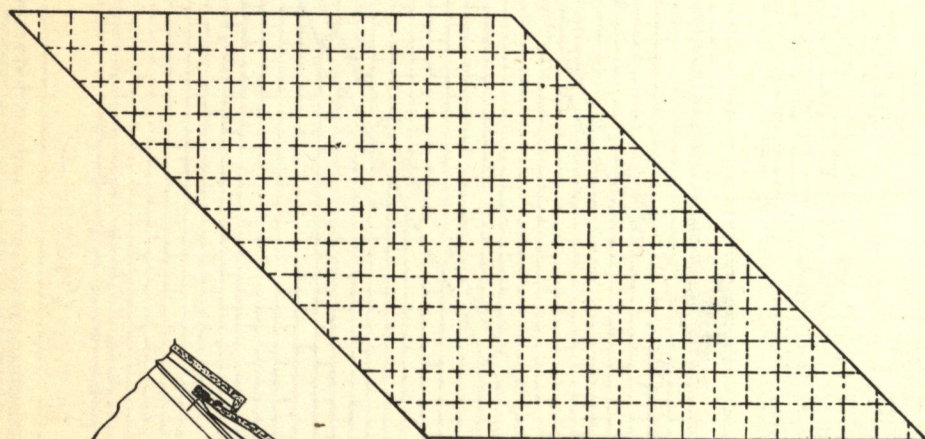
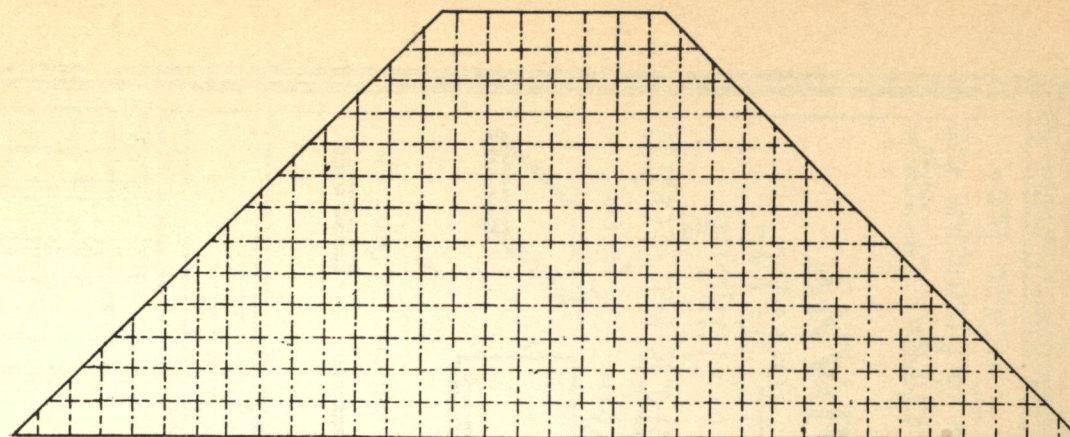
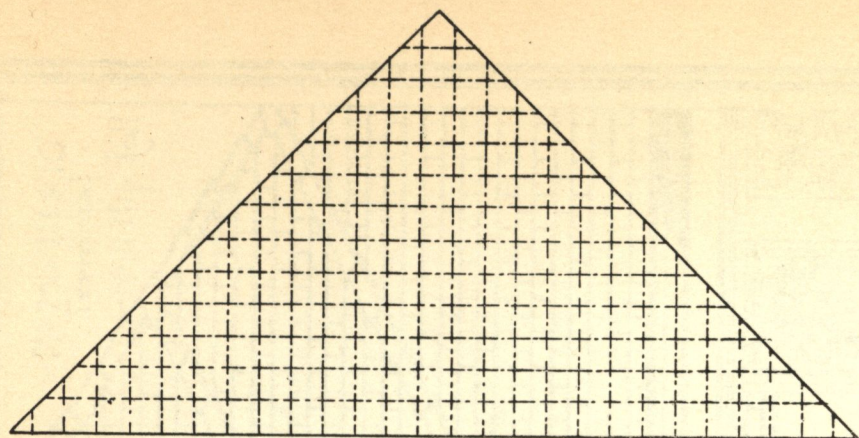


NO. 250 ZH4C TERMINAL FOR #11 HIP ROLL AND #203 RIDGE
LUDOWICI-CELADON CO.
SCALE 3" EQUAL 1'-0"



NO 250 SHAF TERMINAL FOR SHIP ROLL AND 203 WIDE
LUDOWICZ - CLEVELAND CO
SCALE 3' EQUAL 1' 0"

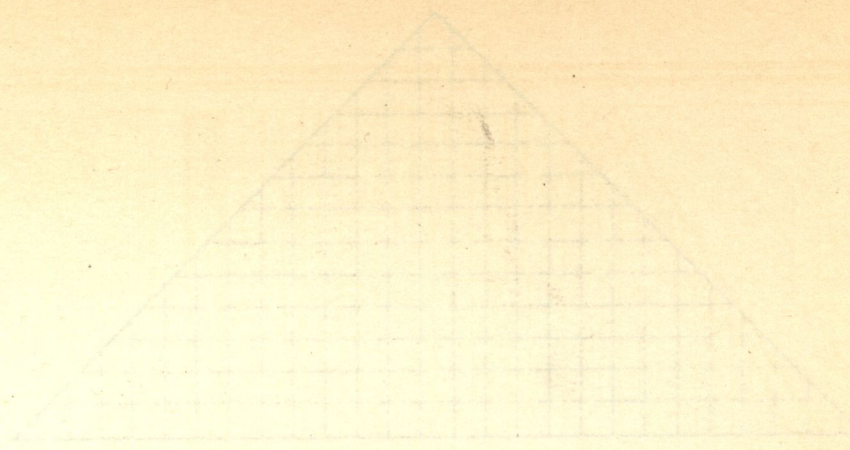
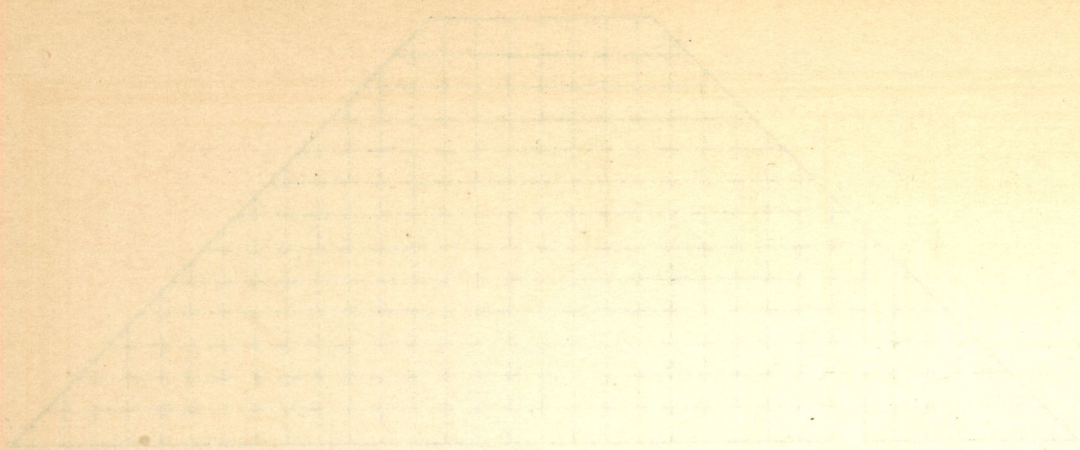




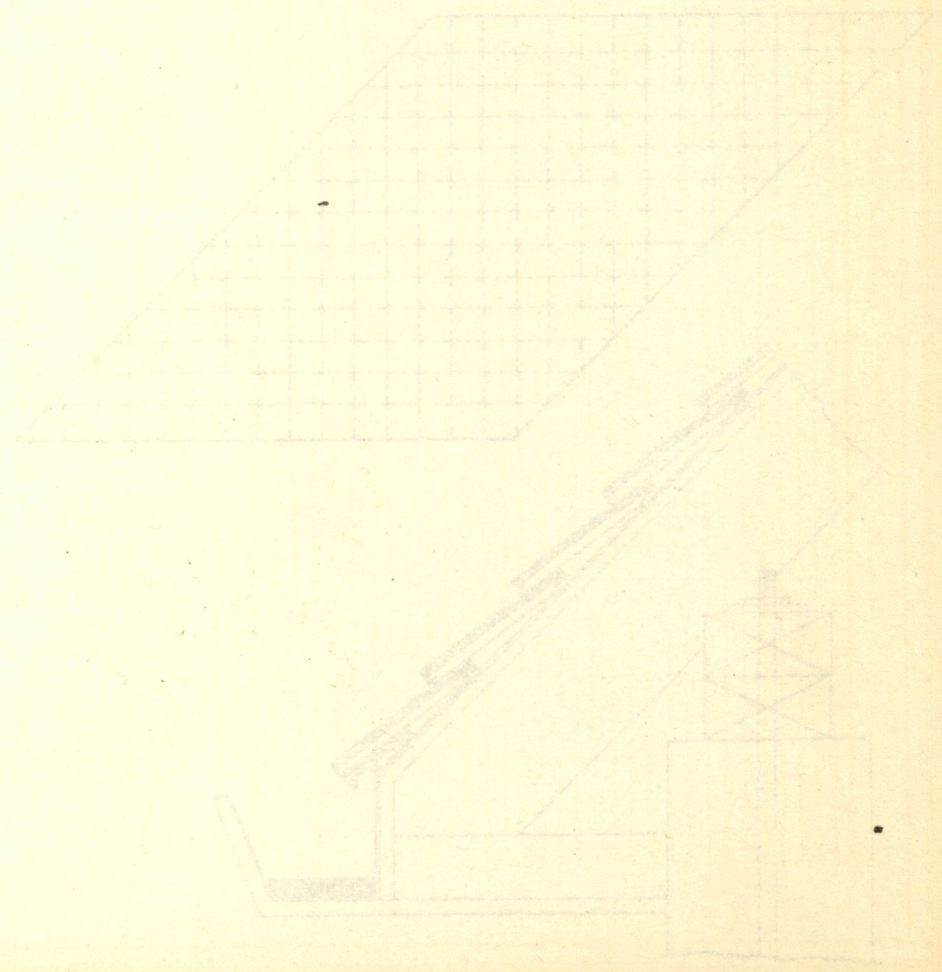
These illustrations show the proper method of lining roof for "Imperial" Closed Shingle Tile.

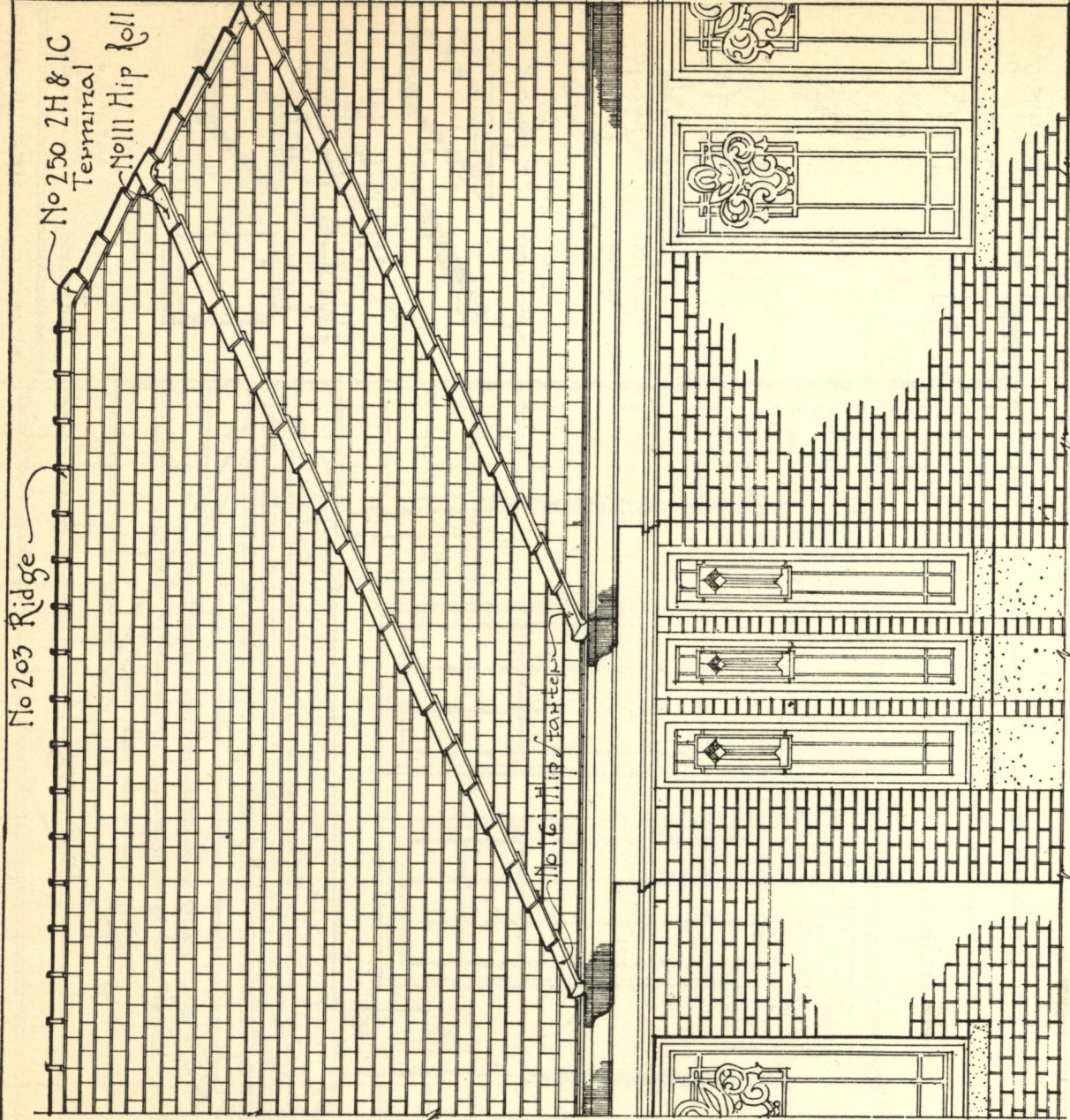
These tile lay approximately 8 inches width by 8 inches length. However, all shale tile has a range of size according to shade, which must be taken into consideration when lining roof. Therefore spacing must be increased or decreased as the shipment requires, but not so as to stretch the courses.

The sectional drawing shows the tile laid in connection with the gutter.

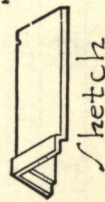


These illustrations show the proper method of
 laying the "imposed" Closed Shingle The
 These the lay approximately 3 inches with by
 6 inches length. However, all shingle the has a range
 of size as to the shingle which must be taken into
 consideration when laying foot. Therefore spacing
 may be increased or decreased as the shingle
 varies, but not so as to stretch the courses.
 The external drawing shows the tile laid in
 connection with the gutter.





DETAIL of "IMPERIAL" CLOSED SHINGLE TILE ROOF SCALE $\frac{1}{4} = 1'-0"$



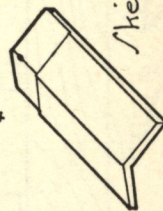
Sketch



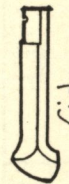
End



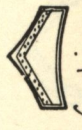
End



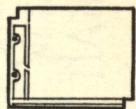
Sketch



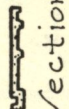
Side



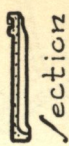
Section



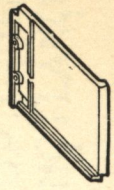
Plan



Section



Section



Sketch

"IMPERIAL" CLOSED
SHINGLE

No 203 (RESTING) No 111 Hip Roll No 16 Hip Starter

SCALE of DETAIL $\frac{1}{2} = 1'-0"$

LUDOWICI-CELADON COMPANY

DETAILS OF

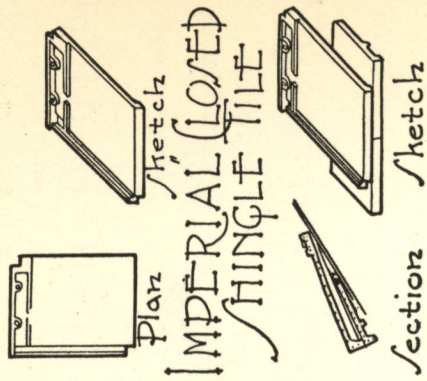
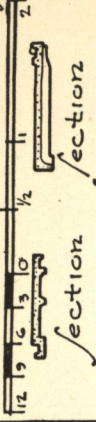
MFG'G of
TERKA COTTA
ROOFING TILES

"IMPERIAL" CLOSED
SHINGLE TILE

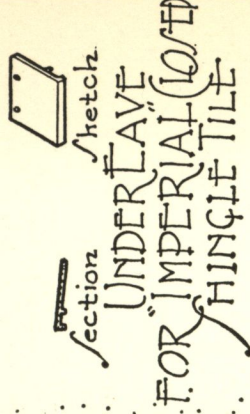
GENERAL OFFICE
104 S. MICHIGAN AVE
CHICAGO ILL.

G. L. Lockhart, Architect, Del.

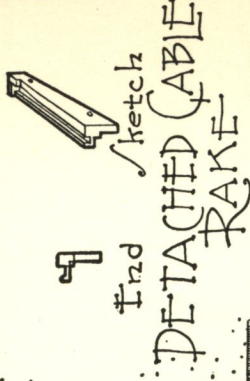
SCALE OF TILE DETAIL



IMPERIAL CLOSED
HINGLE TILE

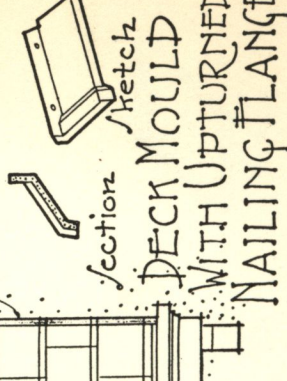


UNDERLAVING
FOR IMPERIAL CLOSED
HINGLE TILE

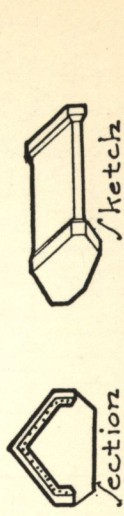


DETACHED CABLE
RAKE

Detached Cable Rake



DECK MOULD
WITH UPTURNED
NAILING FLANGE



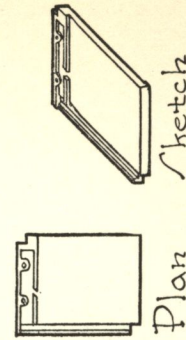
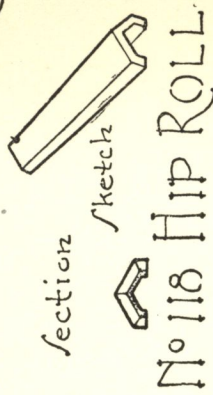
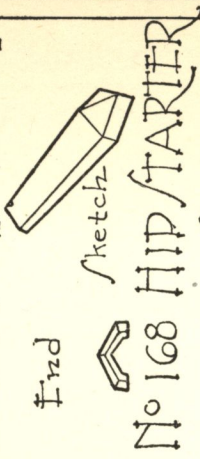
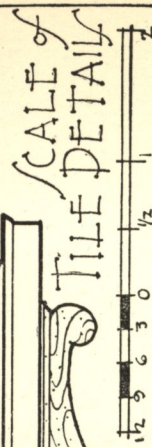
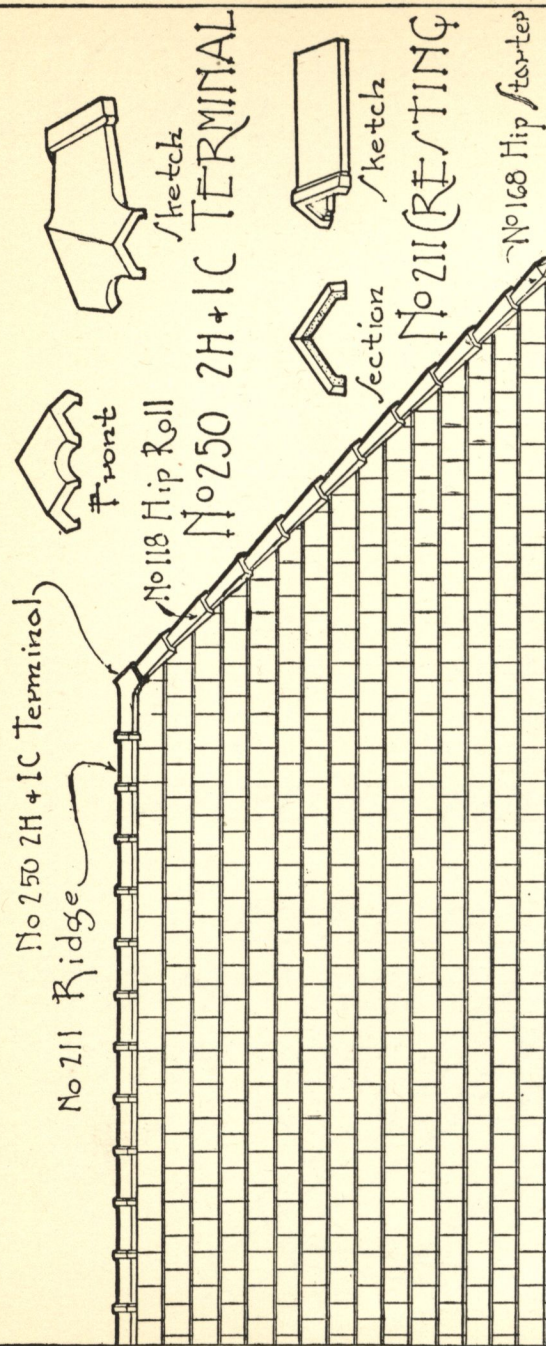
CLOSED RIDGE END

LUDOWICI-CELADON COMPANY

MANUFACTURERS OF
TERRAZZOTTI
ROOFING TILES
"IMPERIAL" CLOSED
SHINGLE TILE

GENERAL OFFICES
104 S. MICHIGAN AVE.
CHICAGO ILL.

C. L. Lockhart, Del.



IMPERIAL (CLOSED)
SHINGLE TILE

DETAIL of FRONT ELEVATION

SHOWING IMPERIAL (CLOSED) SHINGLE TILE ROOF - SCALE 1/4" = 1'-0"

LUDOWICI-CELADON COMPANY

MFGRS of
TERRA COTTA
ROOFING TILES

DETAILS OF
IMPERIAL' CLOSED
SHINGLE TILE

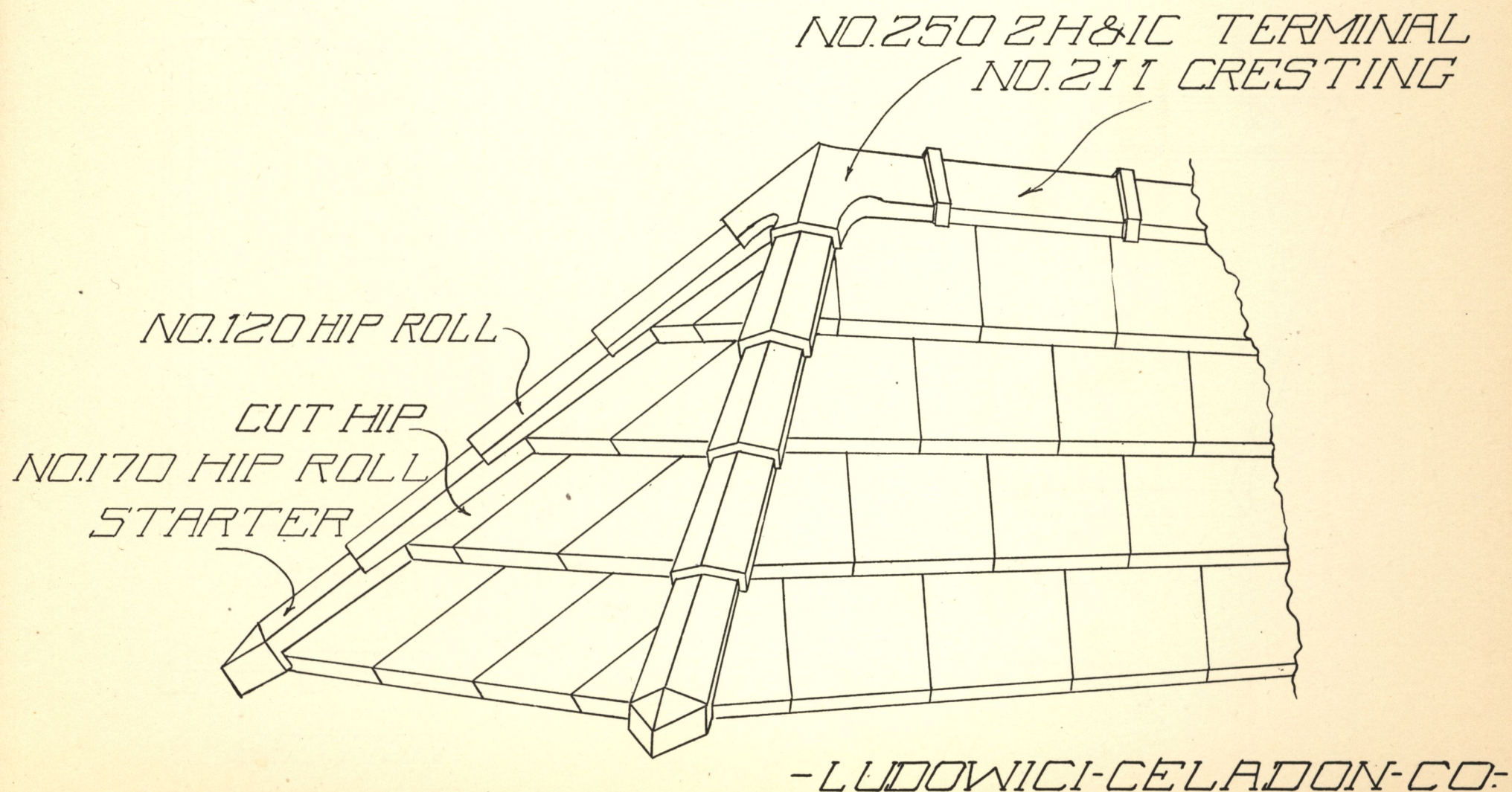
GENERAL OFFICES
104 S. MICHIGAN AVE
CHICAGO ILL.

G. L. LOCKHART, Del.

LIBRARY OF THE
CITY OF BOSTON

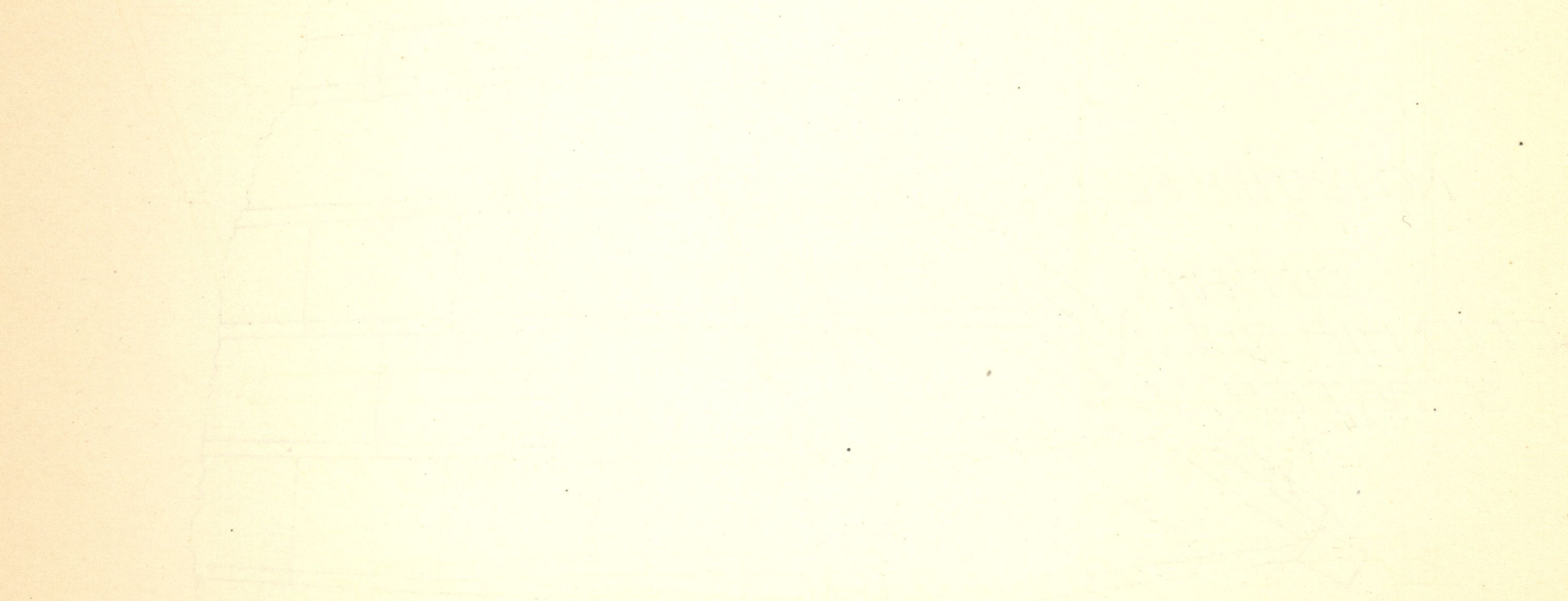
INDONESIA-CITY OF BOSTON

SKETCH OF "IMPERIAL" ENGLISH TILE SHOWN
WITH CUT HIP, NO. 120 HIP ROLL, NO. 170 HIP ROLL
STARTERS, NO. 211 CRESTING AND NO. 250 2H&IC
TERMINAL.



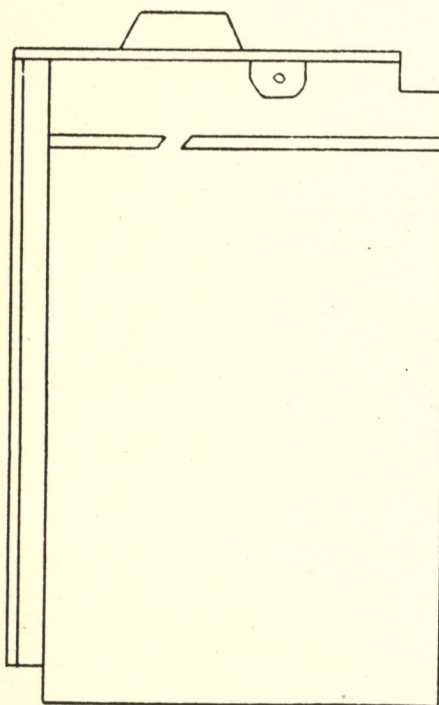
THE
MOUNTAIN
VIEW
HOTEL

THE
MOUNTAIN
VIEW
HOTEL



THE
MOUNTAIN
VIEW
HOTEL

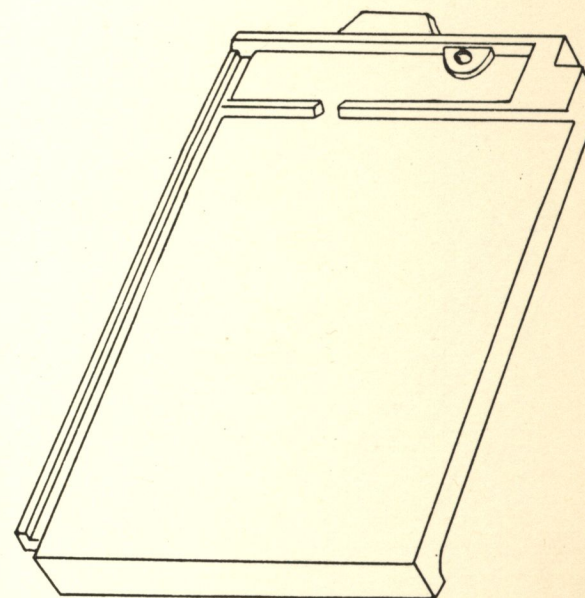
*"IMPERIAL" ENGLISH TILE
LUDOWICI-CELADON CO.
SCALE 3" EQUAL 1'-0"*



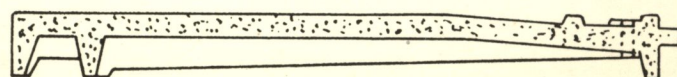
PLAN



SECTION

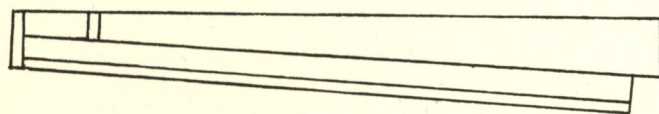


SKETCH

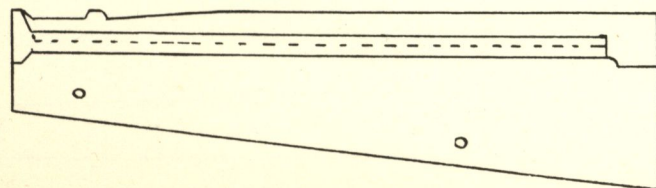


SECTION

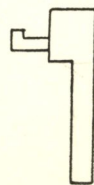
DETACHED GABLE RAKE
 FOR
 "IMPERIAL" ENGLISH TILE
 LUDOWICI-CELADON CO.
 SCALE 3" EQUAL 1'-0"



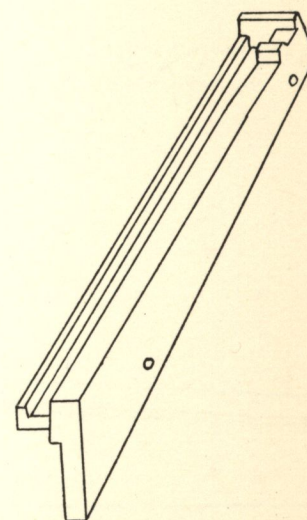
PLAN



SIDE

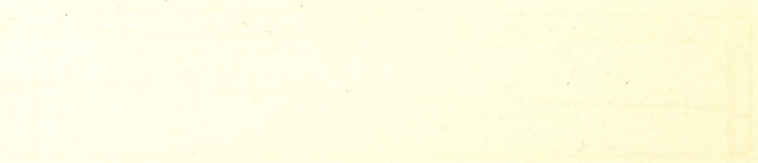
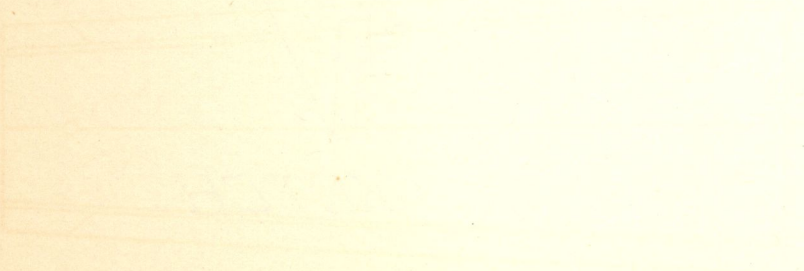


END



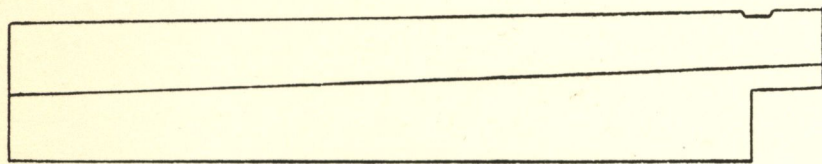
SKETCH

NOTED HIR FOLD
LAPPORT-CEPPOV CO
1911

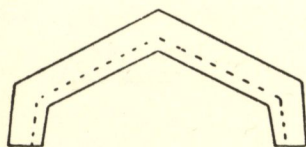


WILLIAM - 1911

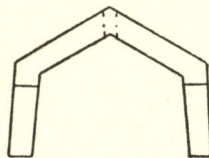
NO. 120 HIP ROLL
LUDOWICI-CELADON CO.
SCALE 3" EQUAL 1'-0"



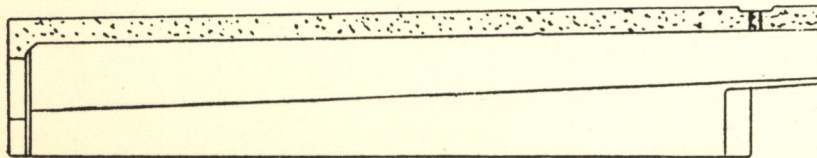
SIDE



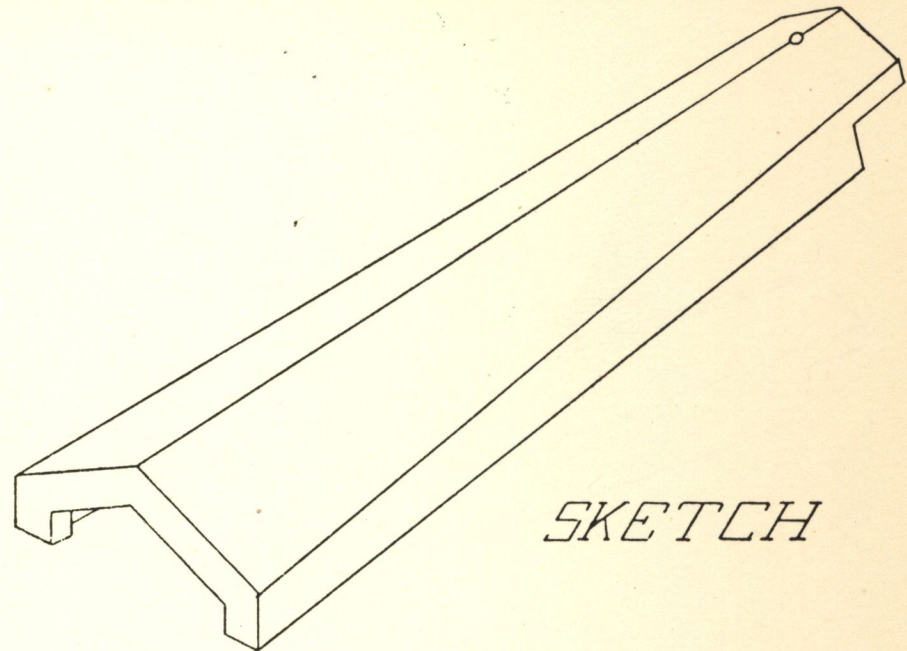
END



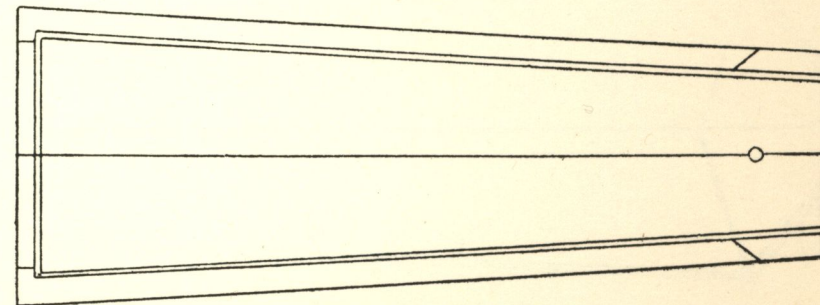
END



SECTION



SKETCH



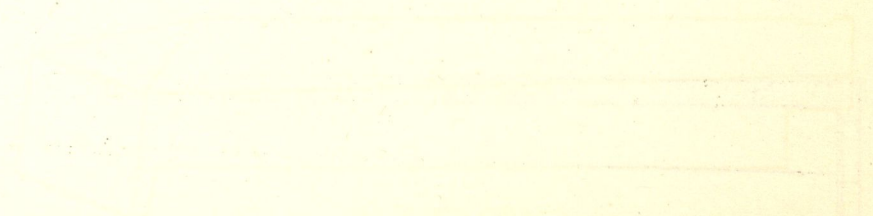
PLAN

UNIVERSITY OF CHICAGO

LIBRARY

PHYSICS DEPARTMENT

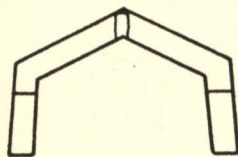
THE UNIVERSITY OF CHICAGO
LIBRARY
PHYSICS DEPARTMENT
5712 S. UNIVERSITY AVE.
CHICAGO, ILL. 60637



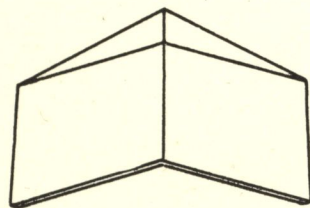
1957

1957

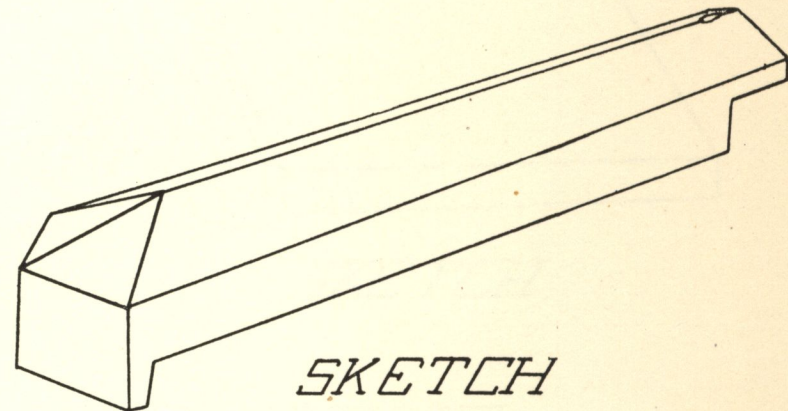
NO. 170 HIP STARTER
LUDOWICI-CELADON CO.
SCALE 3" EQUAL 1'-0"



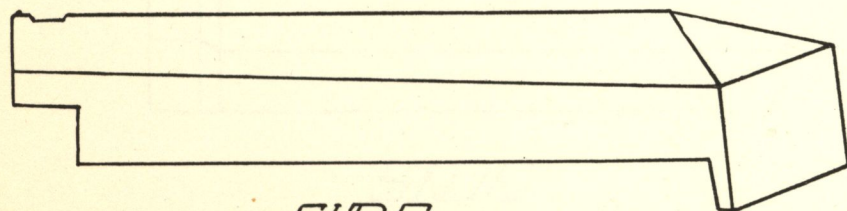
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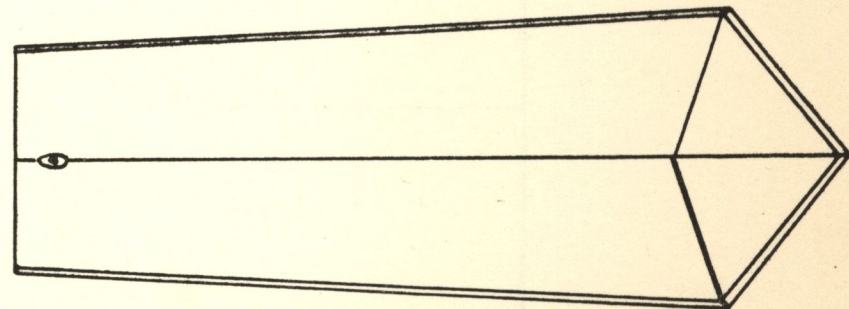
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SKETCH

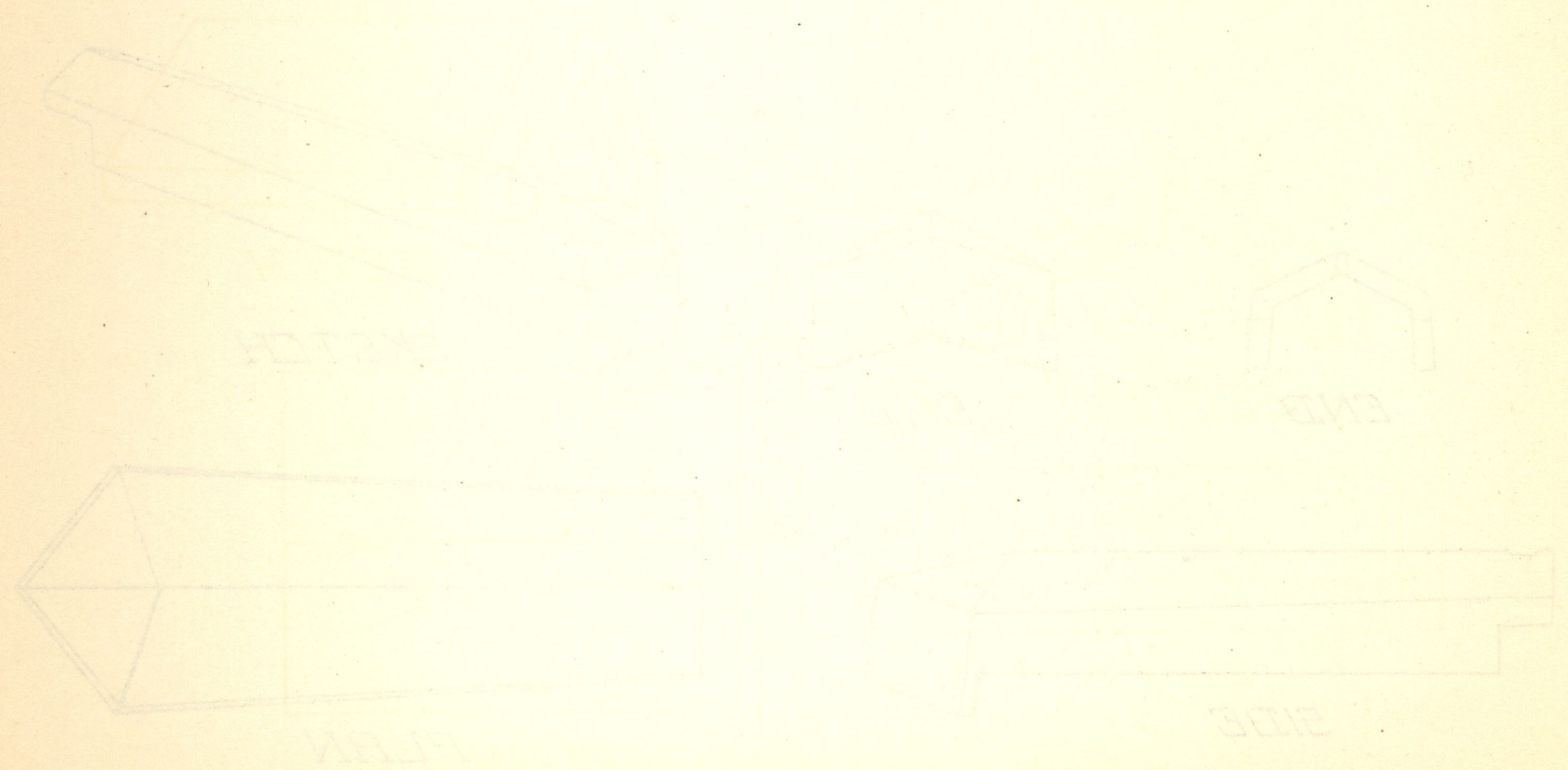


SIDE

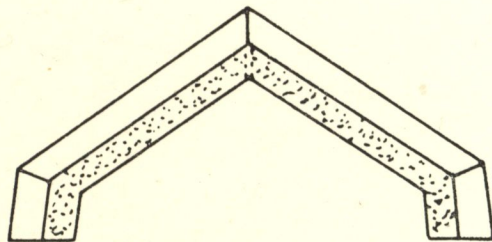


PLAN

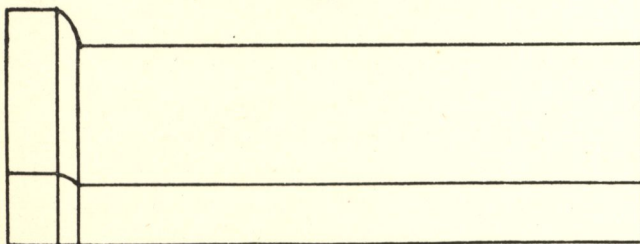
NO. 100
LEADERSHIP
SHEET



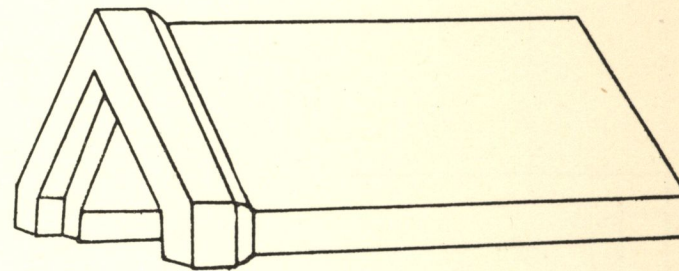
*NO. 211 RIDGE
LUDOWICI-CELADON CO.
SCALE 3" EQUAL 1'-0"
TO BE USED WITH
"IMPERIAL" CLOSED SHINGLE TILE*



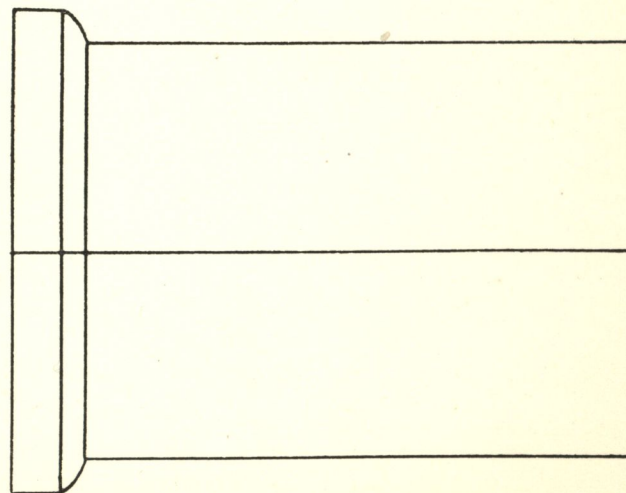
SECTION



SIDE

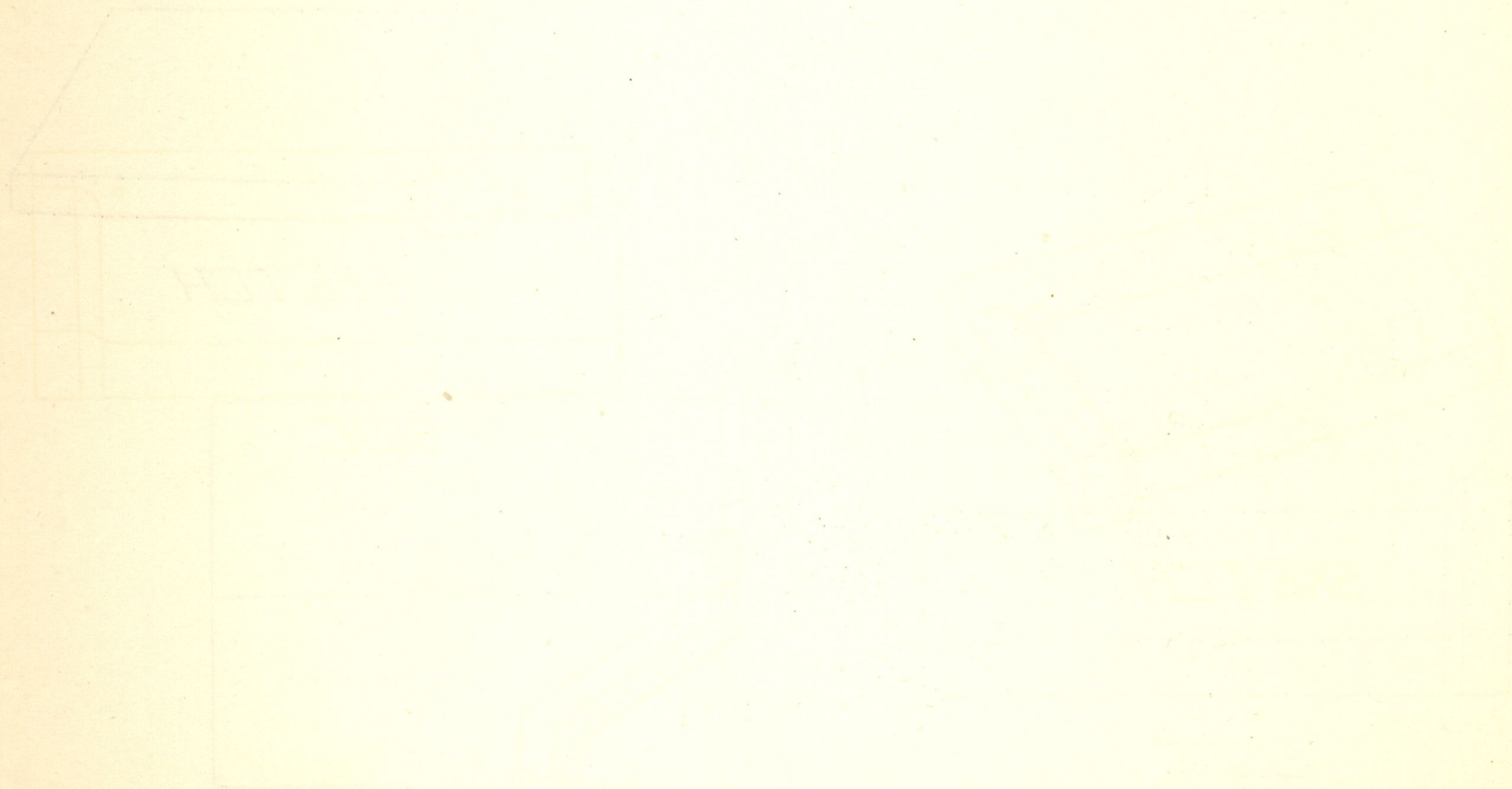


SKETCH



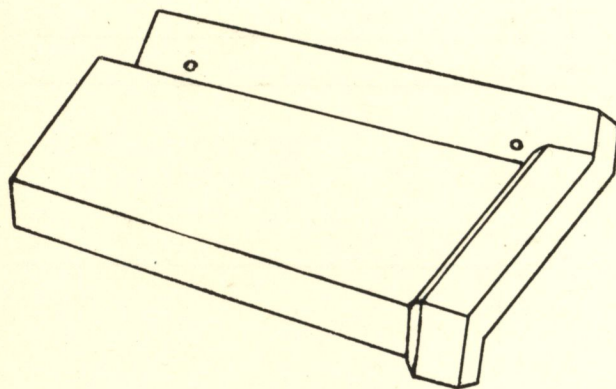
PLAN

NOTES ON THE MOUNTAIN
COUNTRY OF THE
STATE OF TEXAS

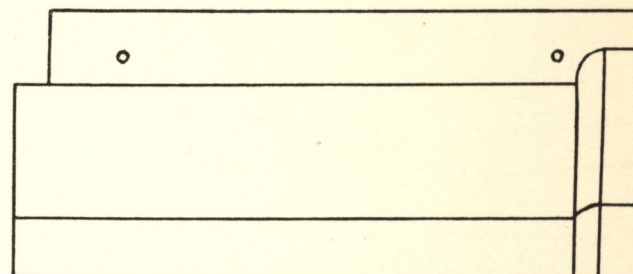


NOTES

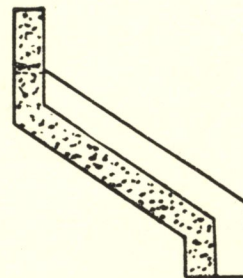
*NO. 211 DECK MOULD RAISED FLANGE
LUDOWICI-CELADON CO.
SCALE 3" EQUAL 1'-0"*



SKETCH

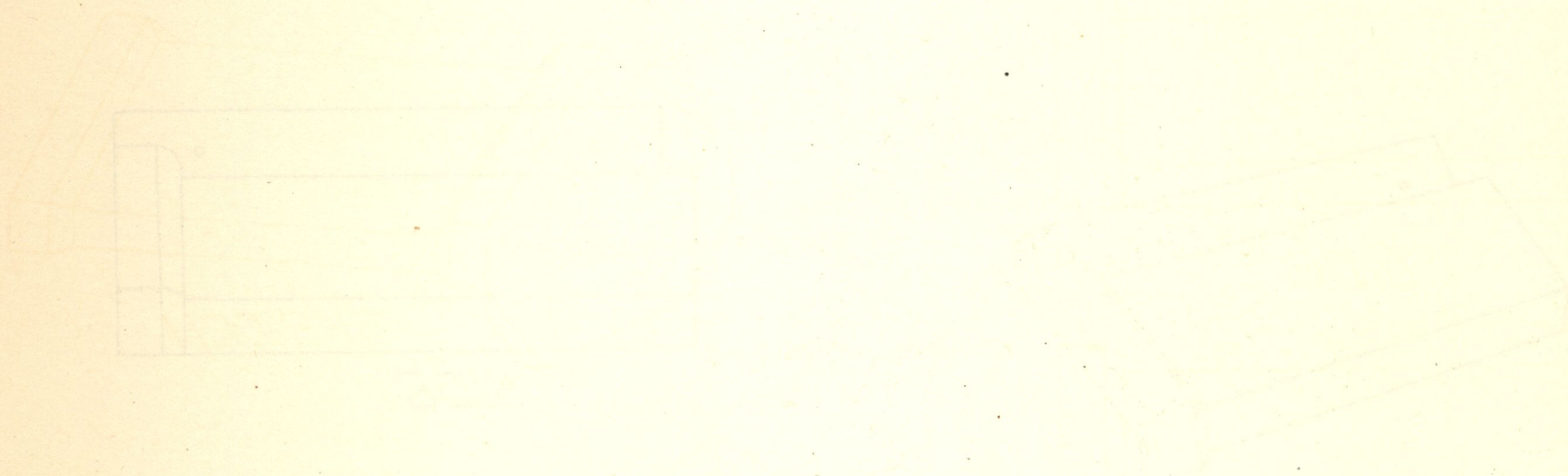


SIDE



SECTION

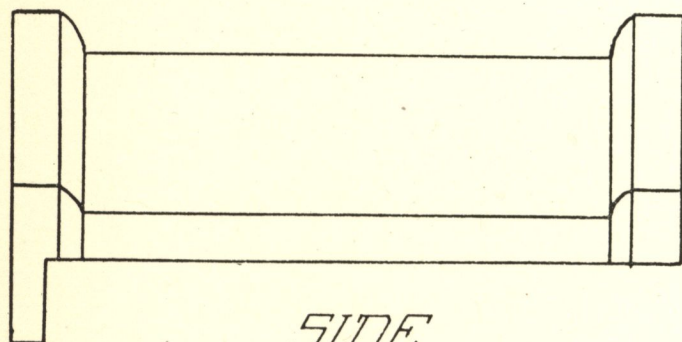
NOT A BOOK MODEL PAISED FLANGE
LUDWIG-TRADON CO
SCHEIDT & SCHULZ NO



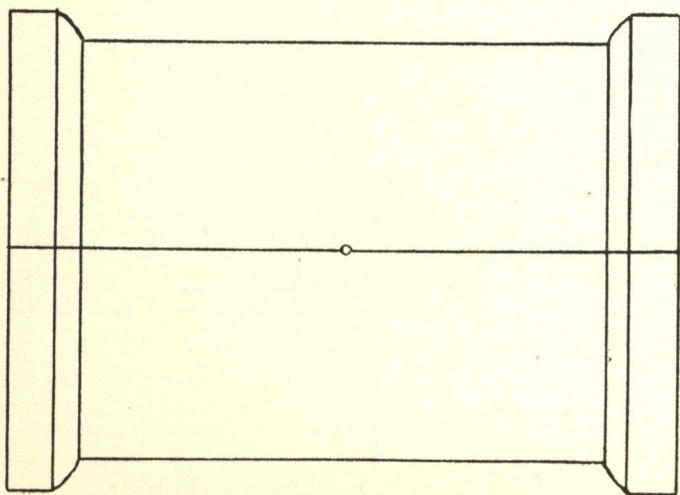
SKETCH

SECTION

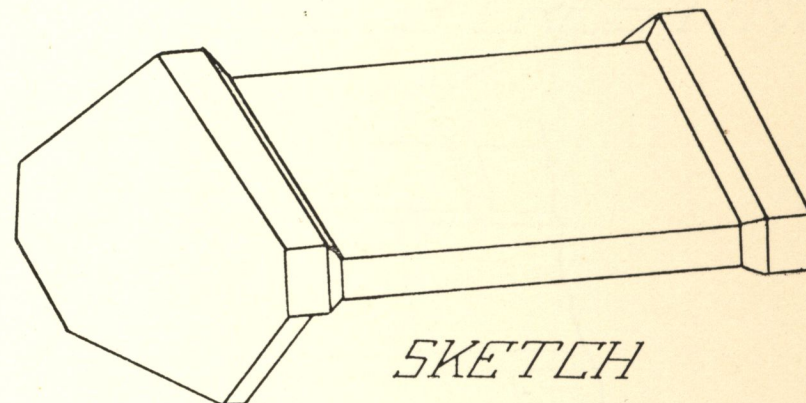
NO. 211 CLOSED RIDGE END
LUDOWICI-CELADON CO.
SCALE 3" EQUAL 1'-0"
TO BE USED WITH
"IMPERIAL" CLOSED SHINGLE TILE



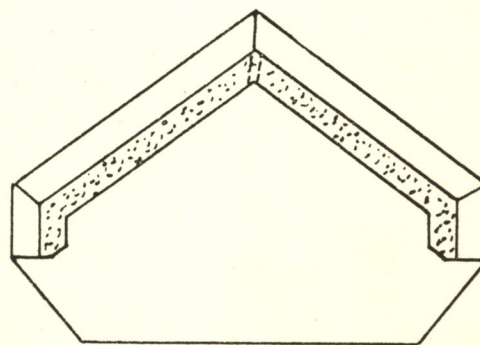
SIDE



PLAN



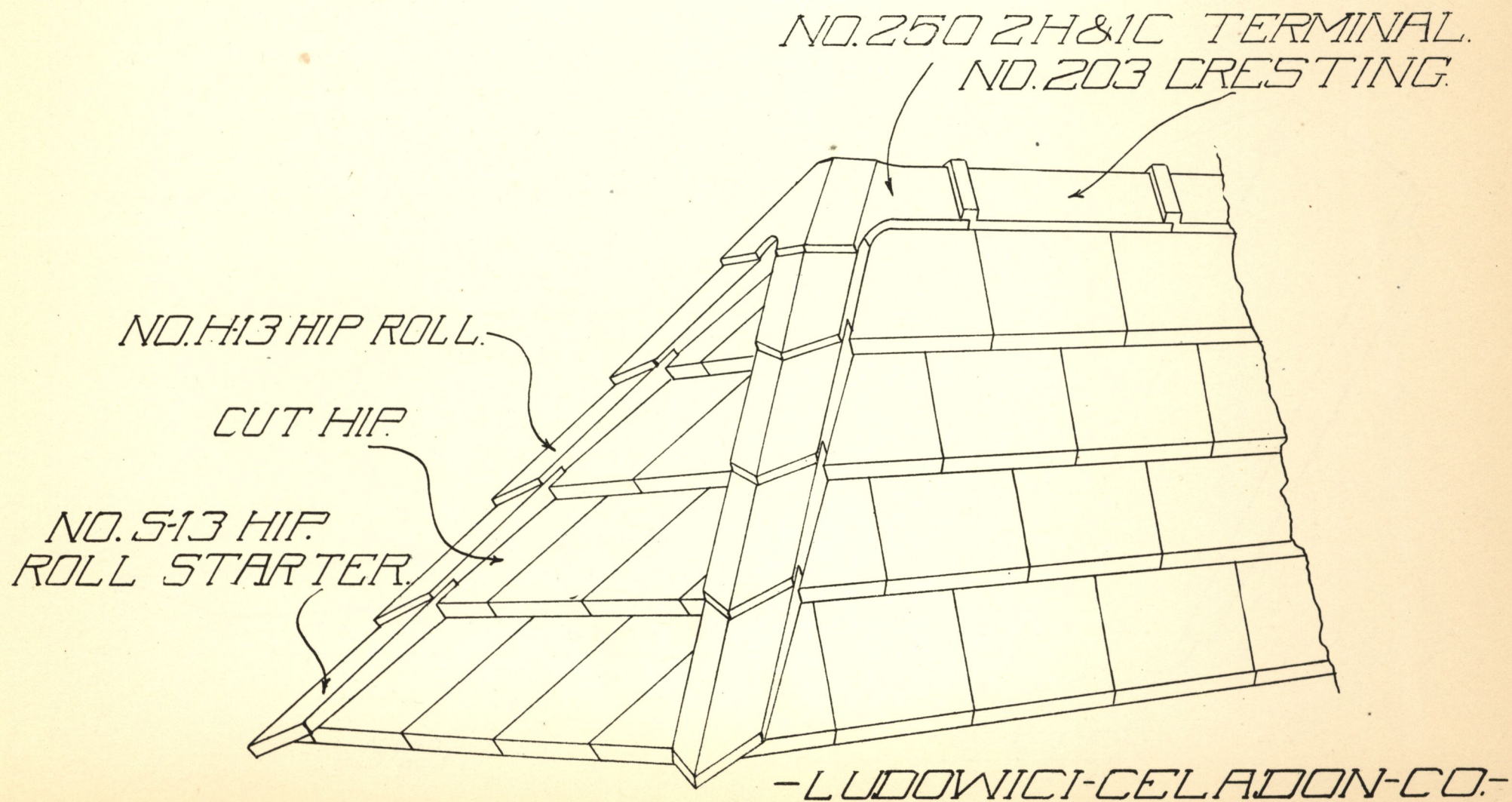
SKETCH



SECTION



SKETCH OF "IMPERIAL" ENGLISH TILE SHOWN
WITH CUT HIP, NO. H-13 HIP ROLL, NO. S-13 HIP ROLL
STARTERS, NO. 203 CRESTING AND NO. 250 2H&1C
TERMINAL.

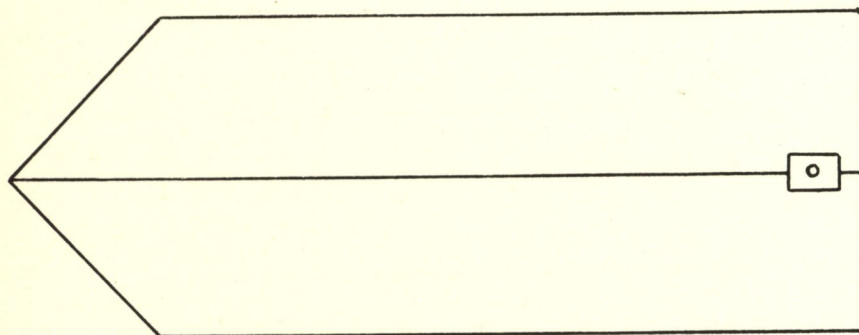


THE UNIVERSITY OF CHICAGO
LIBRARY
500 EAST HATHAWAY
CHICAGO, ILL. 60607

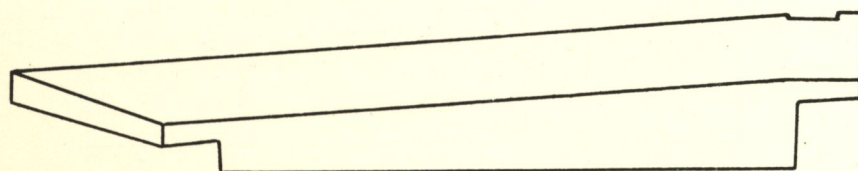
RECEIVED
JAN 10 1964

THE UNIVERSITY OF CHICAGO
LIBRARY
500 EAST HATHAWAY
CHICAGO, ILL. 60607

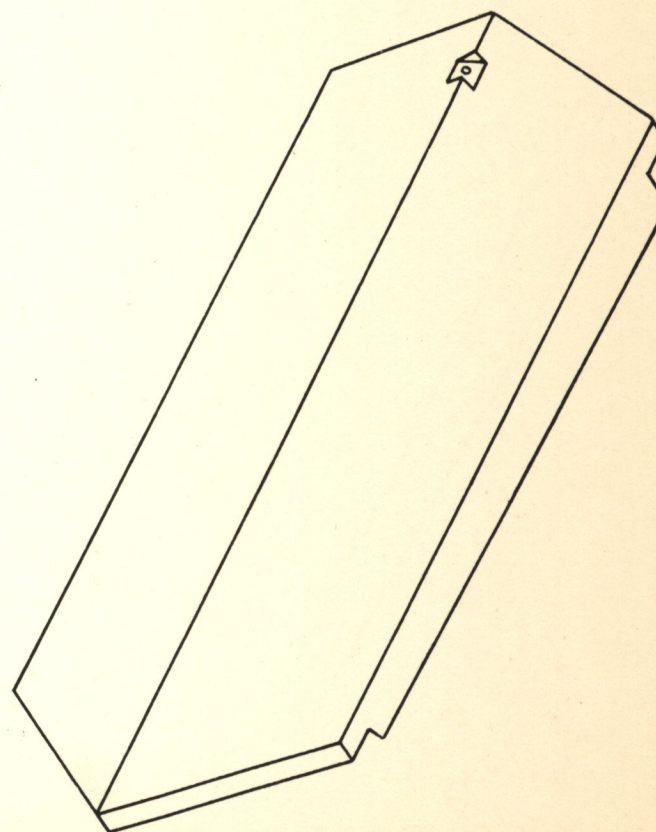
*H-13 HIP ROLL
LUDOWICI-CELADON CO.
SCALE EQUAL 1"=0"*



PLAN



SIDE

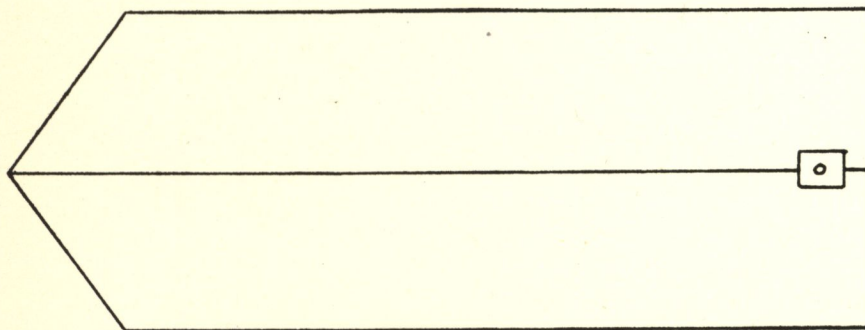


SKETCH

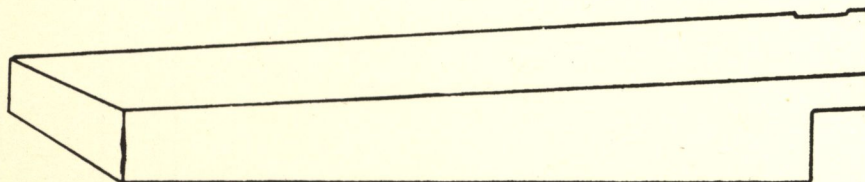
213 HIRSHLATER
LUDWIG LUDWIG
LUDWIG LUDWIG



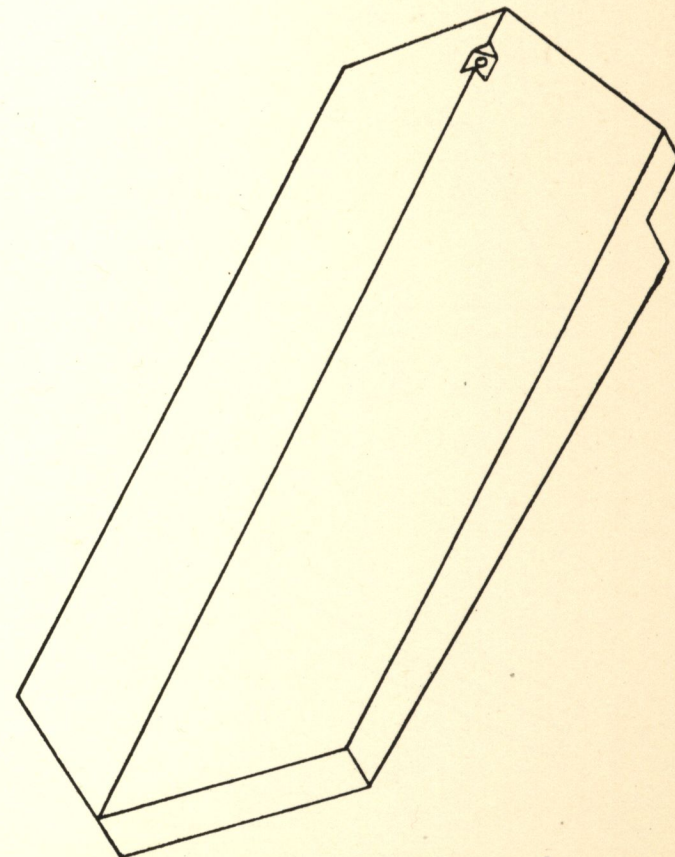
*513 HIP STARTER
LUDOWICI-CELADON CO.
SCALE 3" EQUAL 1'-0"*



PLAN

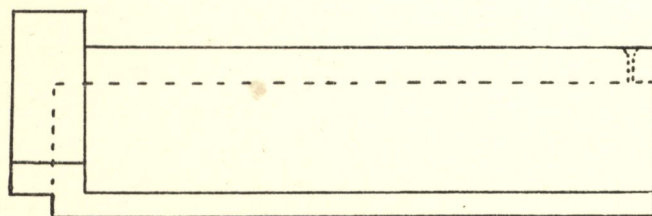


SIDE

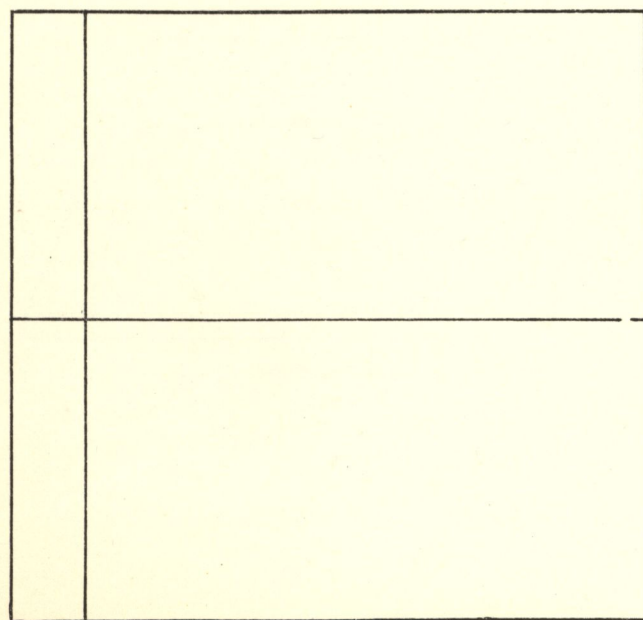


SKETCH

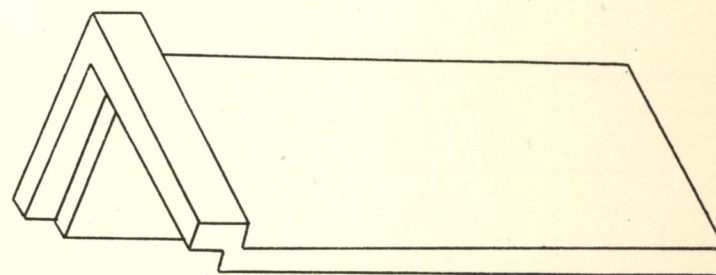
*NO. 203 RIDGE
LUDOWICI-CELADON CO.
SCALE 3" EQUAL 1'-0"*



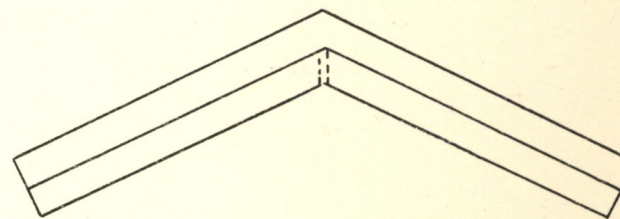
SIDE



PLAN

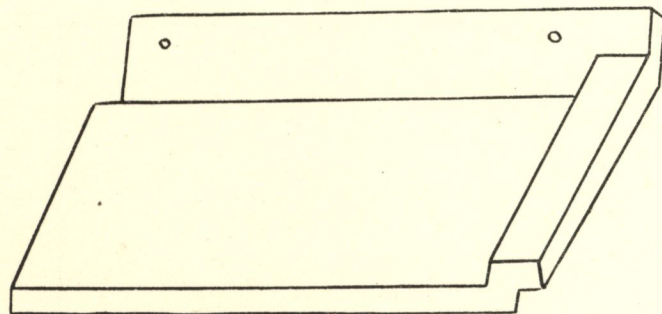


SKETCH

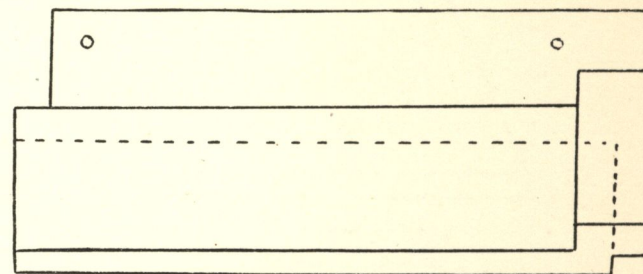


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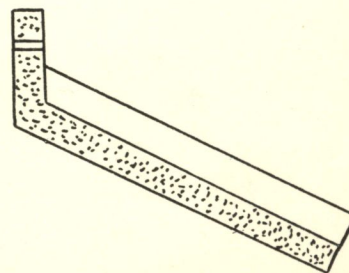
*NO. 203 DECK MOULD RAISED FLANGE
LUDOWICI-CELADON CO.
SCALE 3" EQUAL 1-0"*



SKETCH



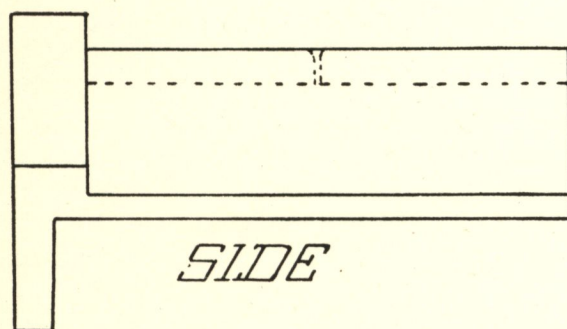
SIDE



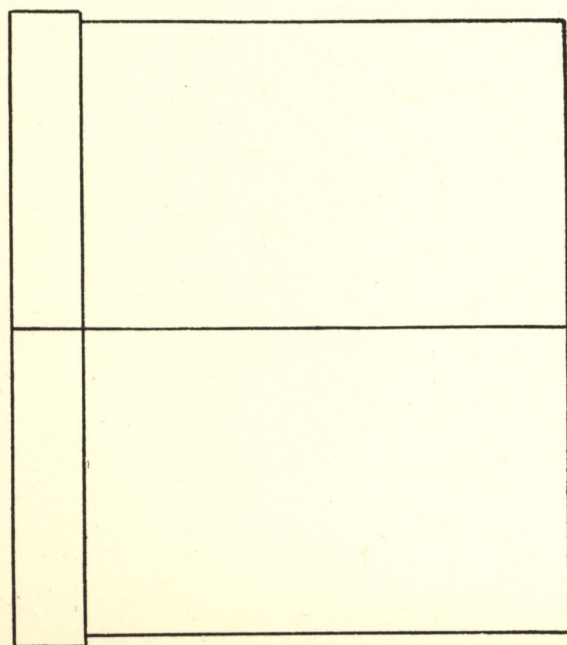
SECTION



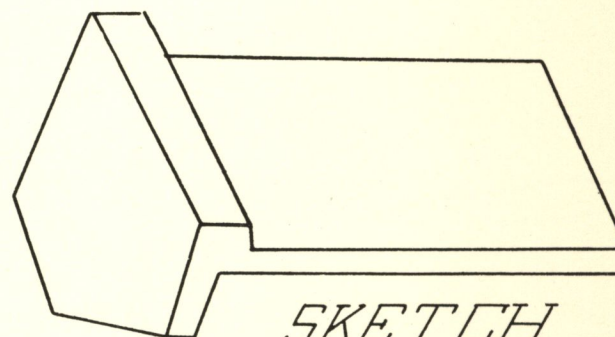
*NO. 203 CLOSED RIDGE END
LUDOWICI - CELADON CO.
SCALE 3" EQUAL 10"*



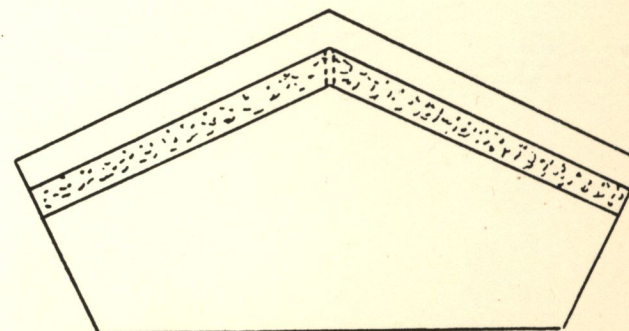
SIDE



PLAN



SKETCH

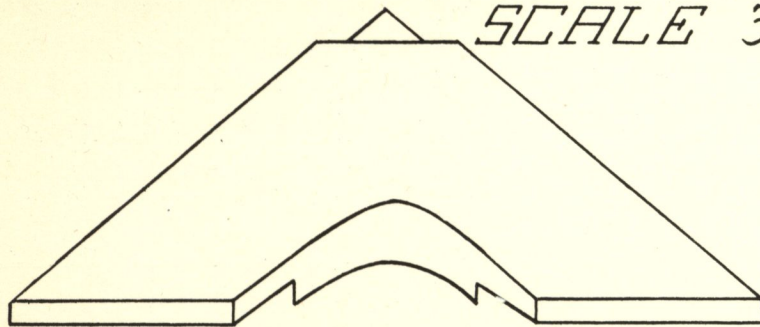


SECTION

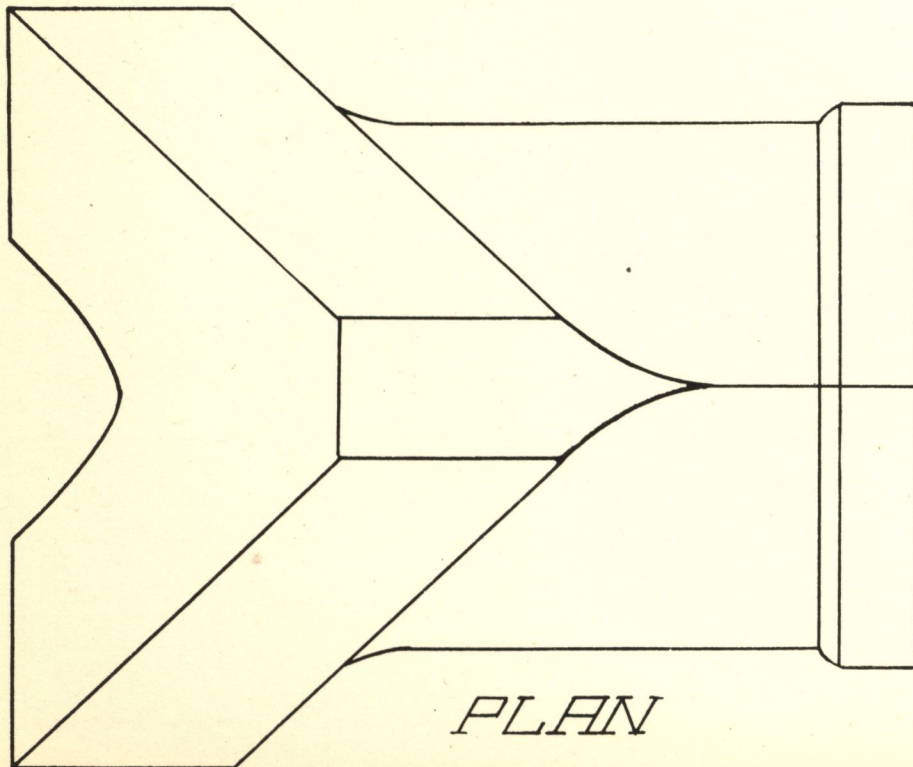
NO. 1000
1000
1000
1000



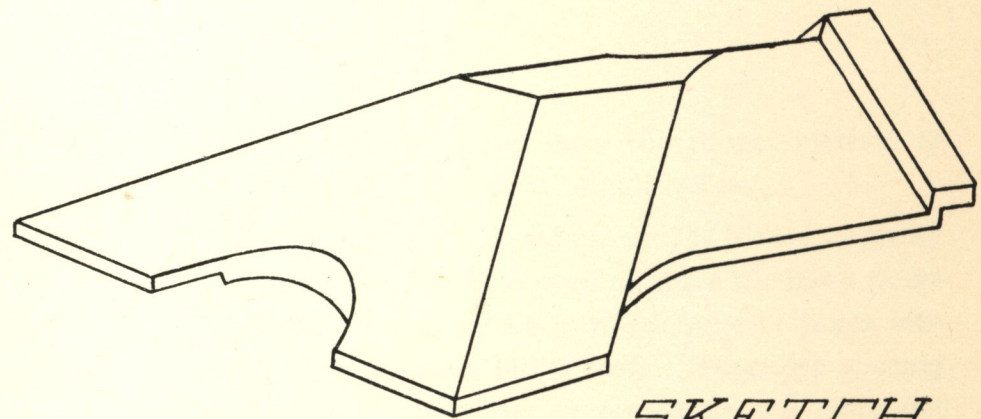
NO. 250 ZH+IC TERMINAL
FOR
NO. 203 RIDGE AND NO. H13 HIP ROLL
LUDOWICI-CELADON CO.
SCALE 3" EQUAL 1'-0"



FRONT

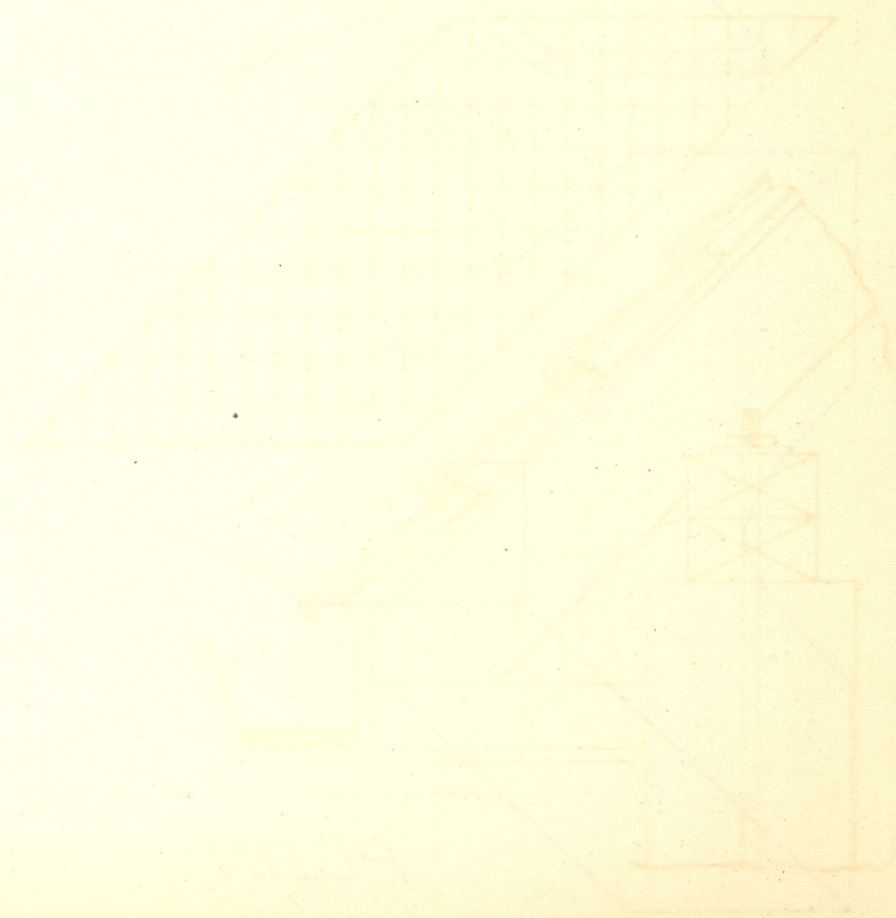
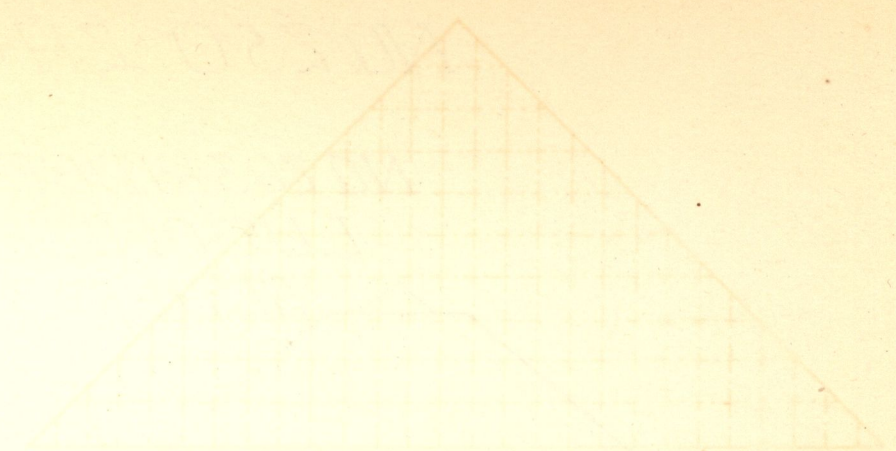
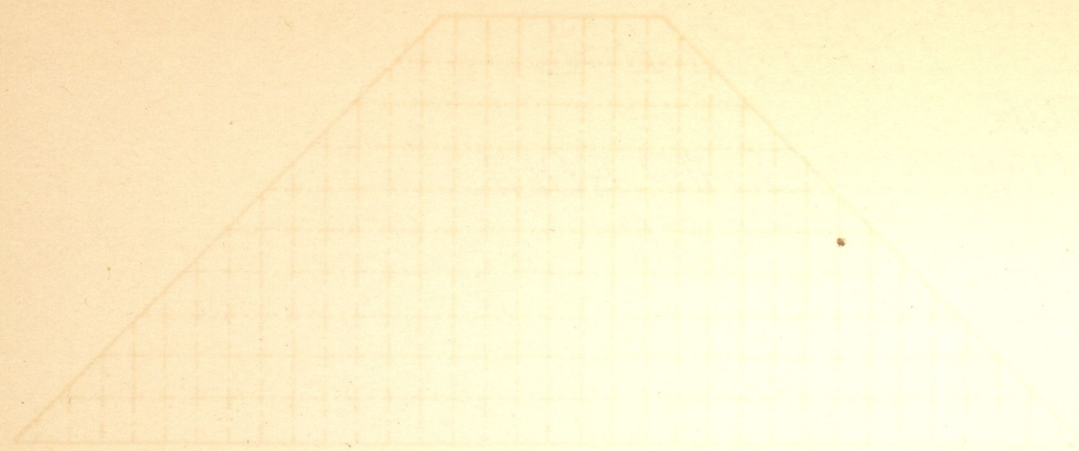


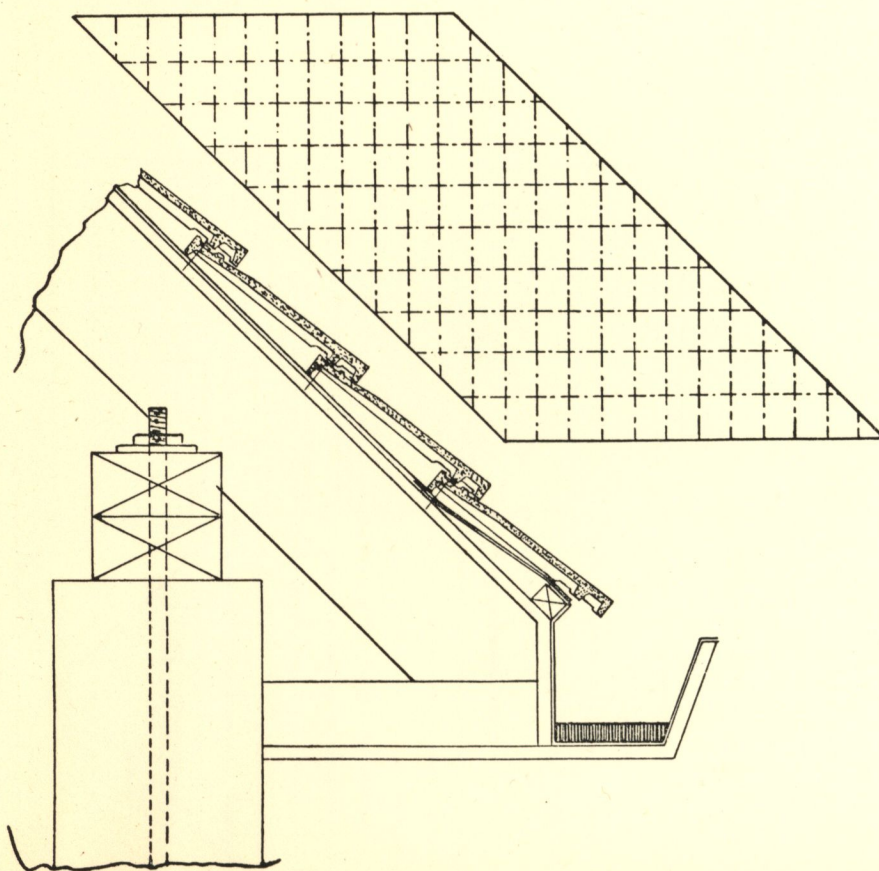
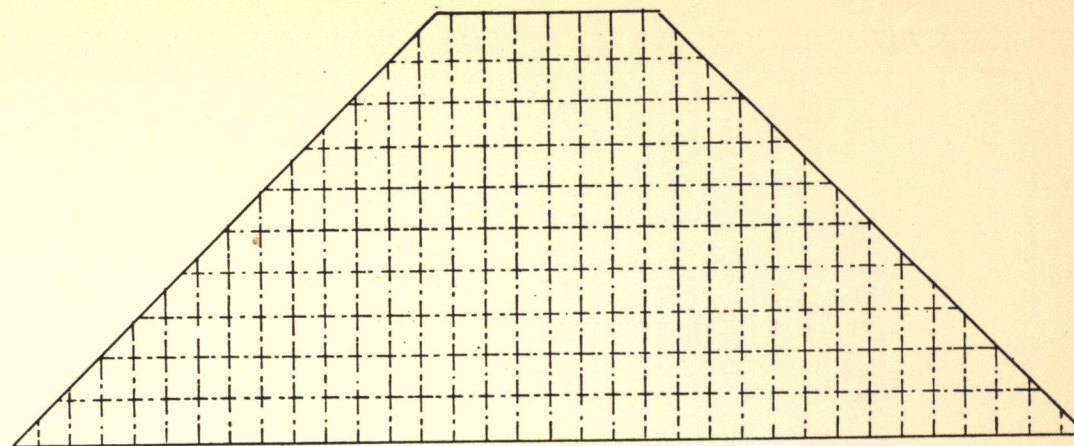
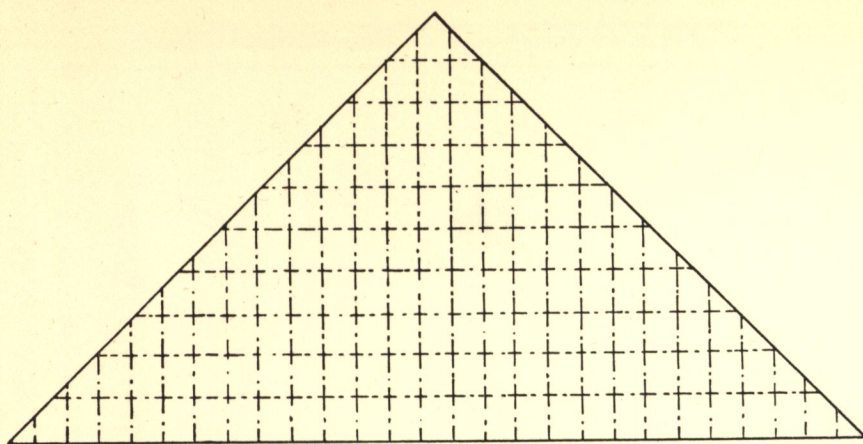
PLAN



SKETCH

These illustrations show the proper method of
 lining roof for "Imperial" English Tile.
 These tiles lay approximately 7 1/2 inches wide by
 10 inches high. However, all shale tile has a range
 of size according to shade, which must be taken into
 consideration when lining roof. Therefore spacing
 must be increased or decreased as the shipment
 requires, but not so as to stretch the courses.
 The sectional drawing shows the tile laid in
 connection with the gutter.

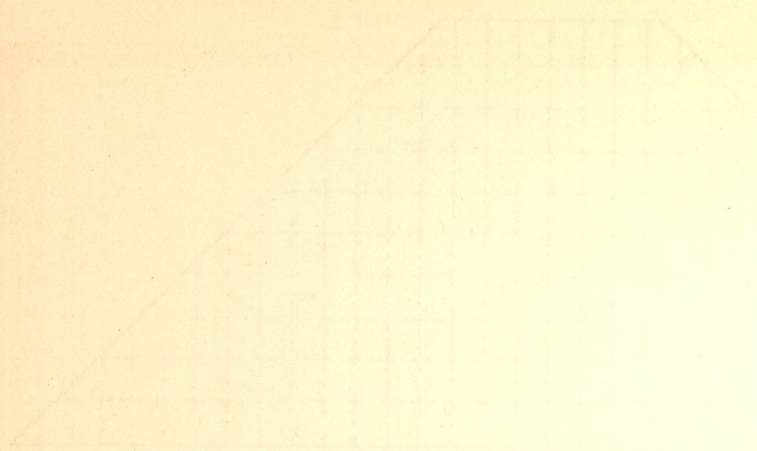




These illustrations show the proper method of lining roof for "Imperial" English Tile.

These tile lay approximately $7\frac{3}{4}$ inches width by 10 inches length. However, all shale tile has a range of size according to shade, which must be taken into consideration when lining roof. Therefore spacing must be increased or decreased as the shipment requires, but not so as to stretch the courses.

The sectional drawing shows the tile laid in connection with the gutter.



The following show the proper method of
writing the "English" style.
The letters are written with a
single stroke. However, all letters have a single
stroke. The letters which must be taken into
account are the letters which are written with
a single stroke. The letters which are written
with a single stroke are the letters which are
written with a single stroke. The letters which
are written with a single stroke are the letters
which are written with a single stroke.



ВЕРХНЕ-УФАНСКИЙ
УЕЗД

ИЗДАНИЕ ПЕРВОЕ
1880 г.

ИЗДАНИЕ ПЕРВОЕ

ВЕРХНЕ-УФАНСКИЙ УЕЗД

ИЗДАНИЕ ПЕРВОЕ

ВЕРХНЕ-УФАНСКИЙ УЕЗД

ИЗДАНИЕ ПЕРВОЕ

ВЕРХНЕ-УФАНСКИЙ УЕЗД

ИЗДАНИЕ ПЕРВОЕ

ВЕРХНЕ-УФАНСКИЙ УЕЗД

ИЗДАНИЕ ПЕРВОЕ

ВЕРХНЕ-УФАНСКИЙ УЕЗД

ИЗДАНИЕ ПЕРВОЕ

ВЕРХНЕ-УФАНСКИЙ УЕЗД

ИЗДАНИЕ ПЕРВОЕ

ВЕРХНЕ-УФАНСКИЙ УЕЗД

ИЗДАНИЕ ПЕРВОЕ

ВЕРХНЕ-УФАНСКИЙ УЕЗД

ИЗДАНИЕ ПЕРВОЕ

ВЕРХНЕ-УФАНСКИЙ УЕЗД

ИЗДАНИЕ ПЕРВОЕ

ВЕРХНЕ-УФАНСКИЙ УЕЗД

ИЗДАНИЕ ПЕРВОЕ

ВЕРХНЕ-УФАНСКИЙ УЕЗД

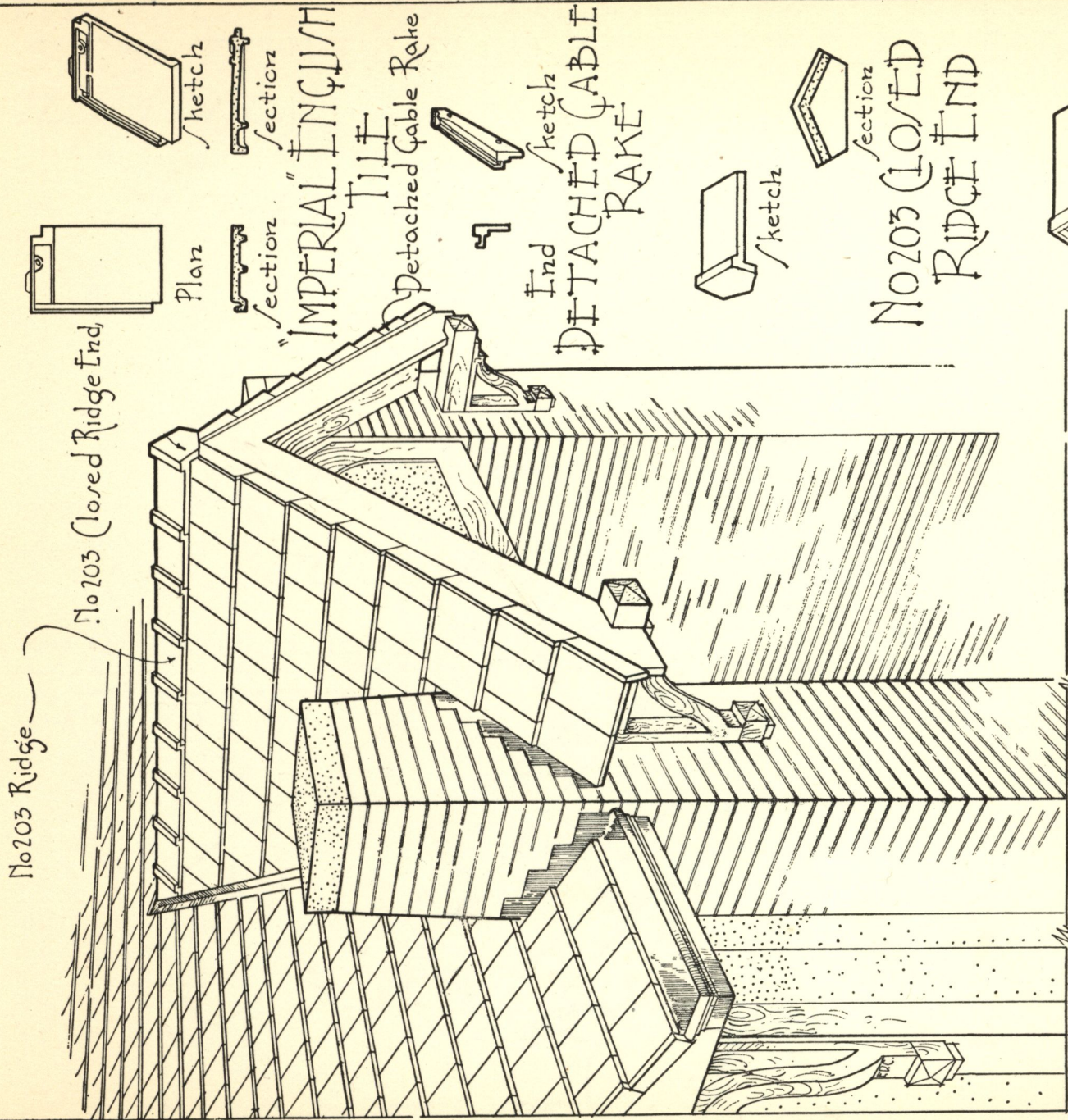
ИЗДАНИЕ ПЕРВОЕ

ВЕРХНЕ-УФАНСКИЙ УЕЗД

ИЗДАНИЕ ПЕРВОЕ

ВЕРХНЕ-УФАНСКИЙ УЕЗД

ИЗДАНИЕ ПЕРВОЕ



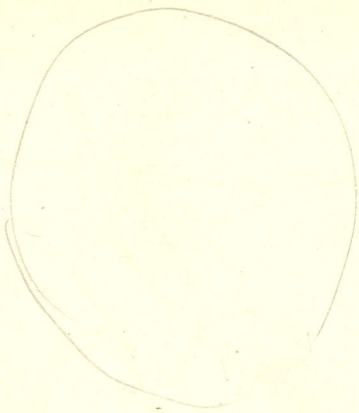
PERSPECTIVE OF INTRANCE SHOWING IMPERIAL ENGLISH TILE ROOF No 203 RIDGE- END OF TILE DETAIL

LUDOWICI-CELADON COMPANY

MFGRS of
 TERRA COTTA
 ROOFING TILES
 DETAILS OF
 "IMPERIAL" ENGLISH TILE

GENERAL OFFICES
 104 S. MICHIGAN AVE
 CHICAGO, ILL.

C. L. Lockhart, Del.

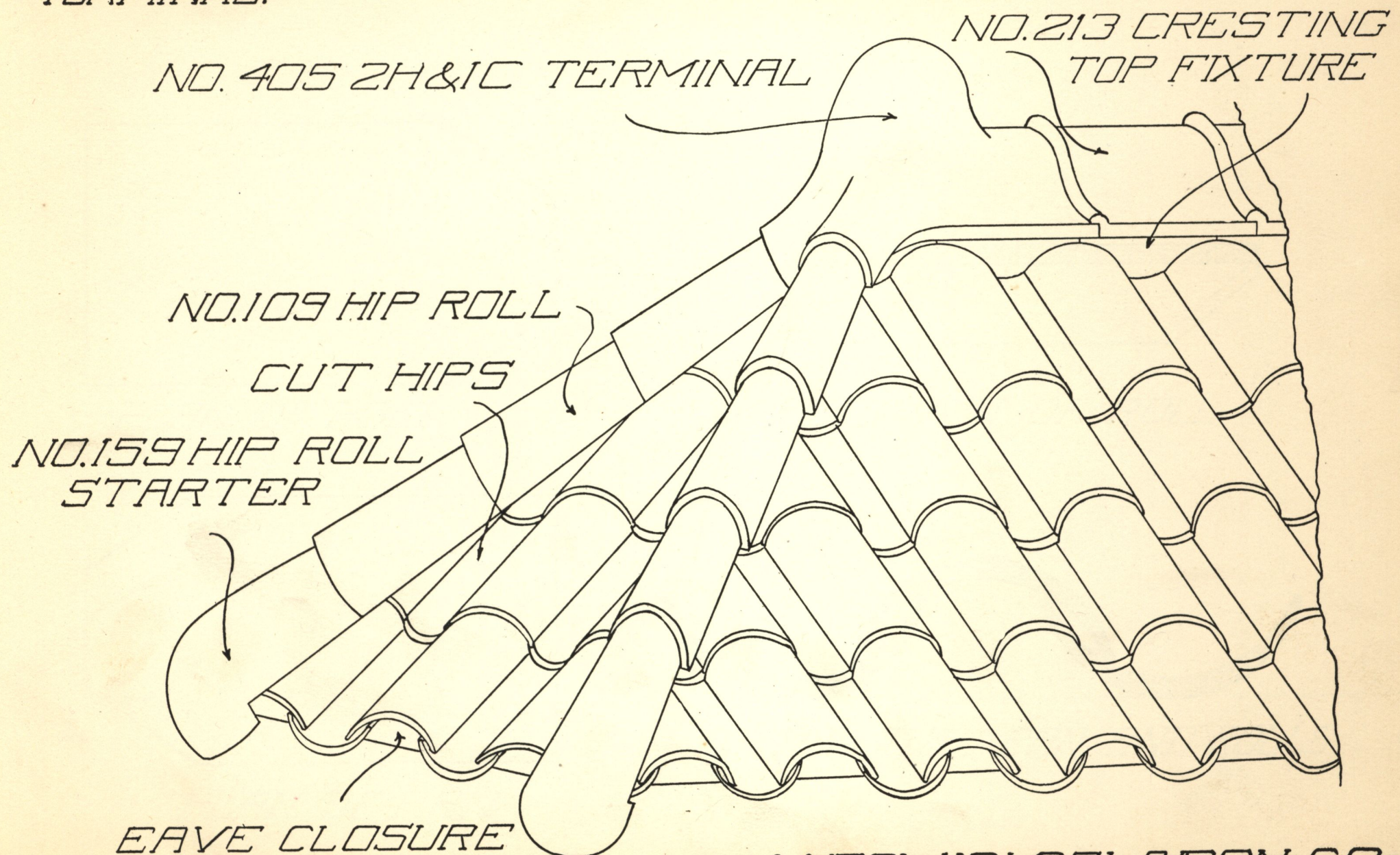


5

2

2

SKETCH OF 'IMPERIAL' MISSION TILE SHOWN
WITH CUT HIP S, NO. 109 HIP ROLL, NO. 159 HIP ROLL
STARTERS, NO. 213 CRESTING AND NO. 405-2H&1C
TERMINAL.



- LUDOWICI-CELADON-CO. -

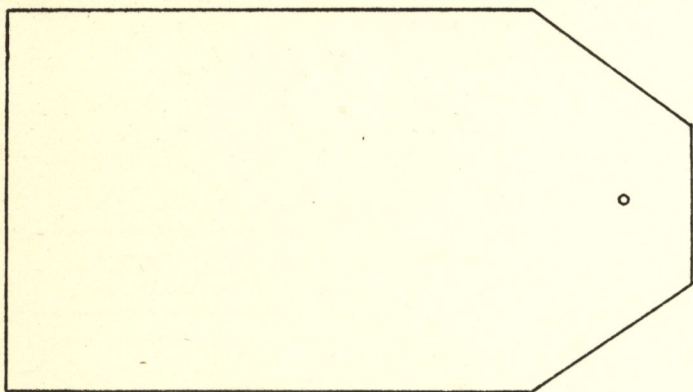
SKETCH OF IMPERIAL MASSIVE ROLL
WITH CUT HIPS, IMPERIAL ROLL
STARTERS AND SKETCHES OF THE
TERMINAL

NO. 402 SKETCH OF THE
TOP VIEW

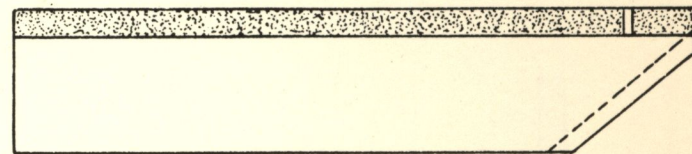


LEWIS & CLARK CO.

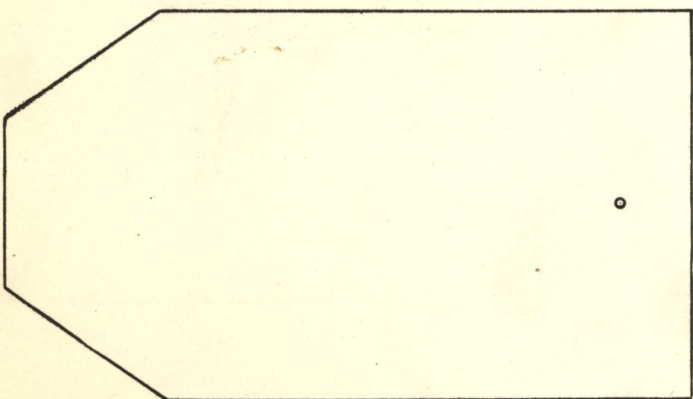
*"IMPERIAL" MISSION TILE
LUDOWICI-CELADON CO.
SCALE 3" EQUAL 1'-0"*



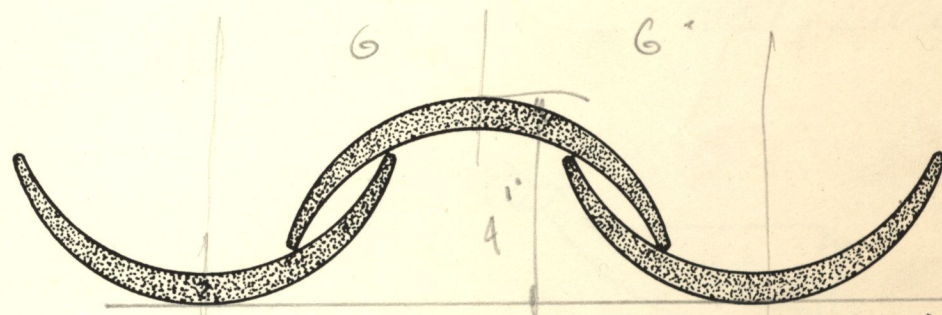
PLAN OF ROLL



SECTION OF ROLL



PLAN OF PAN



SECTION THRU PAN AND ROLLS

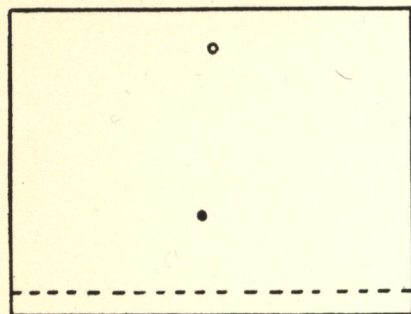
TOP FUTURE
FOR THE
IMPERIAL MISSION
SECTION
SECTION



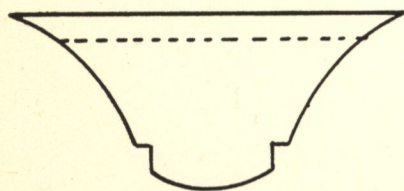
SECTION
SECTION

TOP FIXTURE
FOR
"IMPERIAL" MISSION TILE

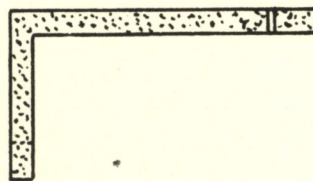
LUDOWICI - CELADON CO.
SCALE 3" EQUAL 1'-0."



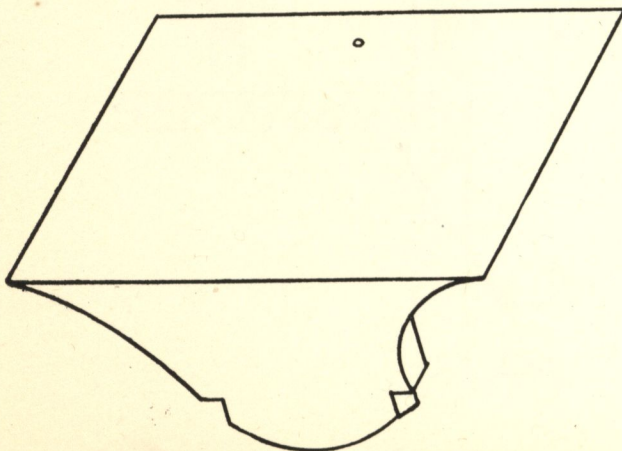
PLAN



FRONT

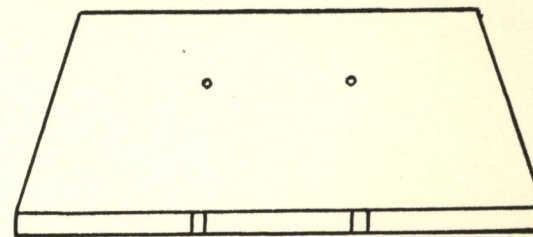


SECTION

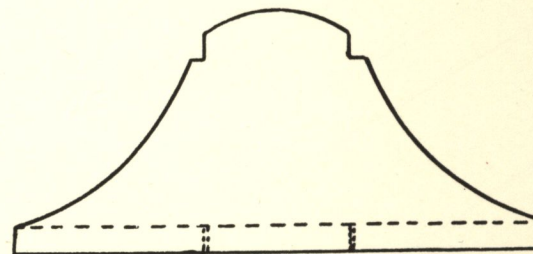


SKETCH

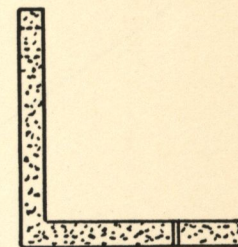
EAVE CLOSURE
FOR
"IMPERIAL" MISSION TILE



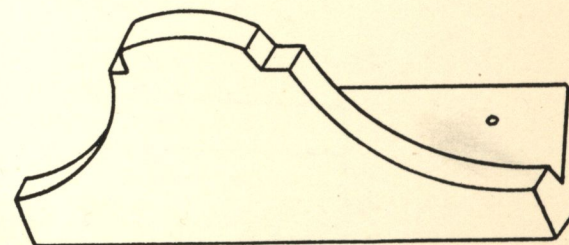
PLAN



FRONT



SECTION

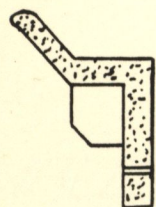


SKETCH

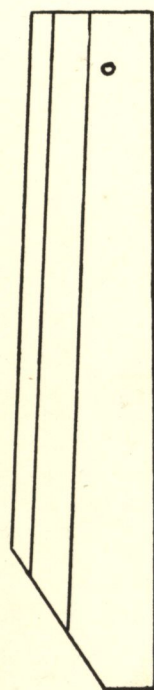
FOR DETACHED FIELD REPAIR
FOR IMPROVED MISSION TIME
FOR DETACHED FIELD REPAIR
FOR IMPROVED MISSION TIME
FOR DETACHED FIELD REPAIR
FOR IMPROVED MISSION TIME



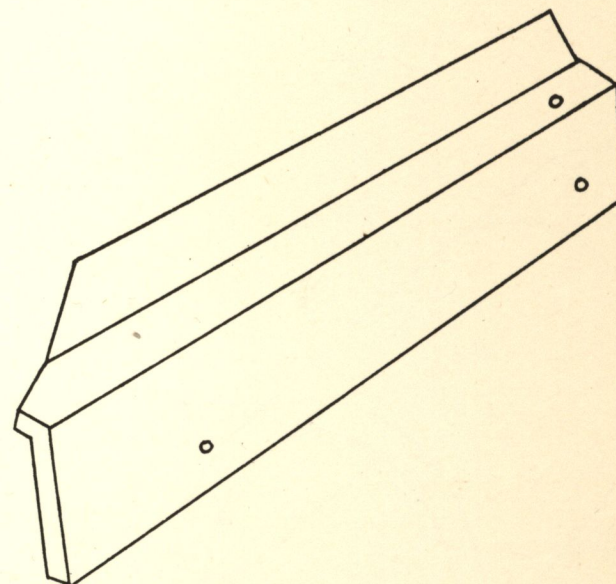
*DETACHED GABLE RAKE
FOR
"IMPERIAL" MISSION TILE
LUDOWICI-CELADON CO.
SCALE 3" EQUAL 1'-0"*



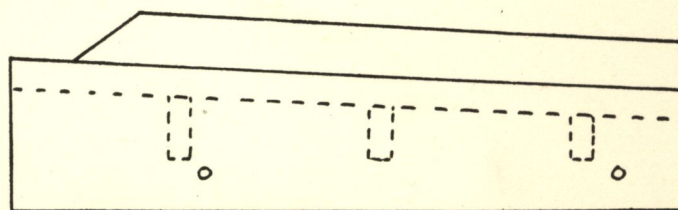
SECTION



PLAN



SKETCH

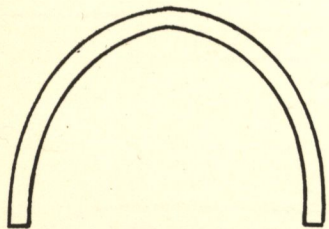


SIDE

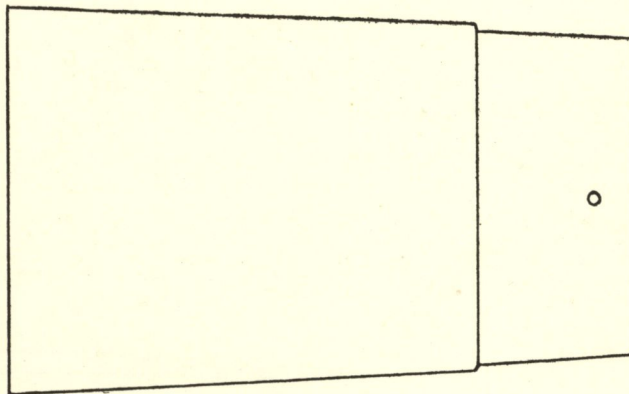
THE
HISTORICAL
SOCIETY
OF
THE
CITY
OF
BOSTON



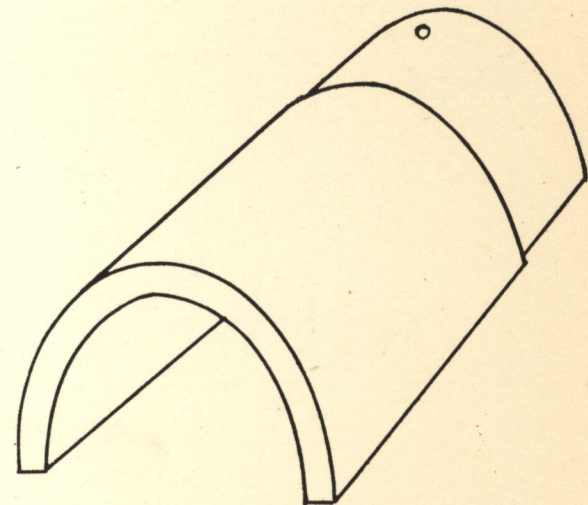
*NO 109 HIP ROLL
LUDOWICI-CELADON CO
SCALE 3" EQUAL 10"*



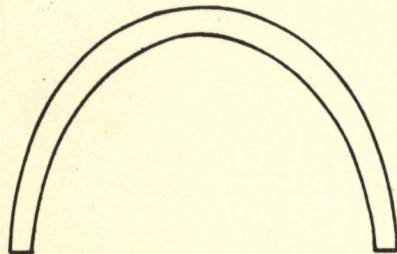
SMALL END



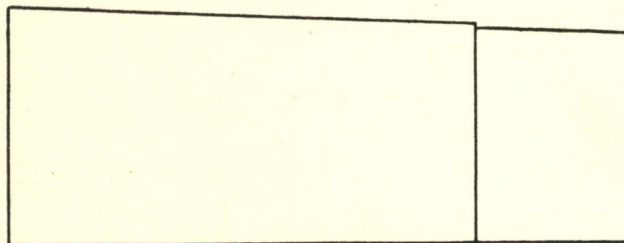
PLAN



SKETCH

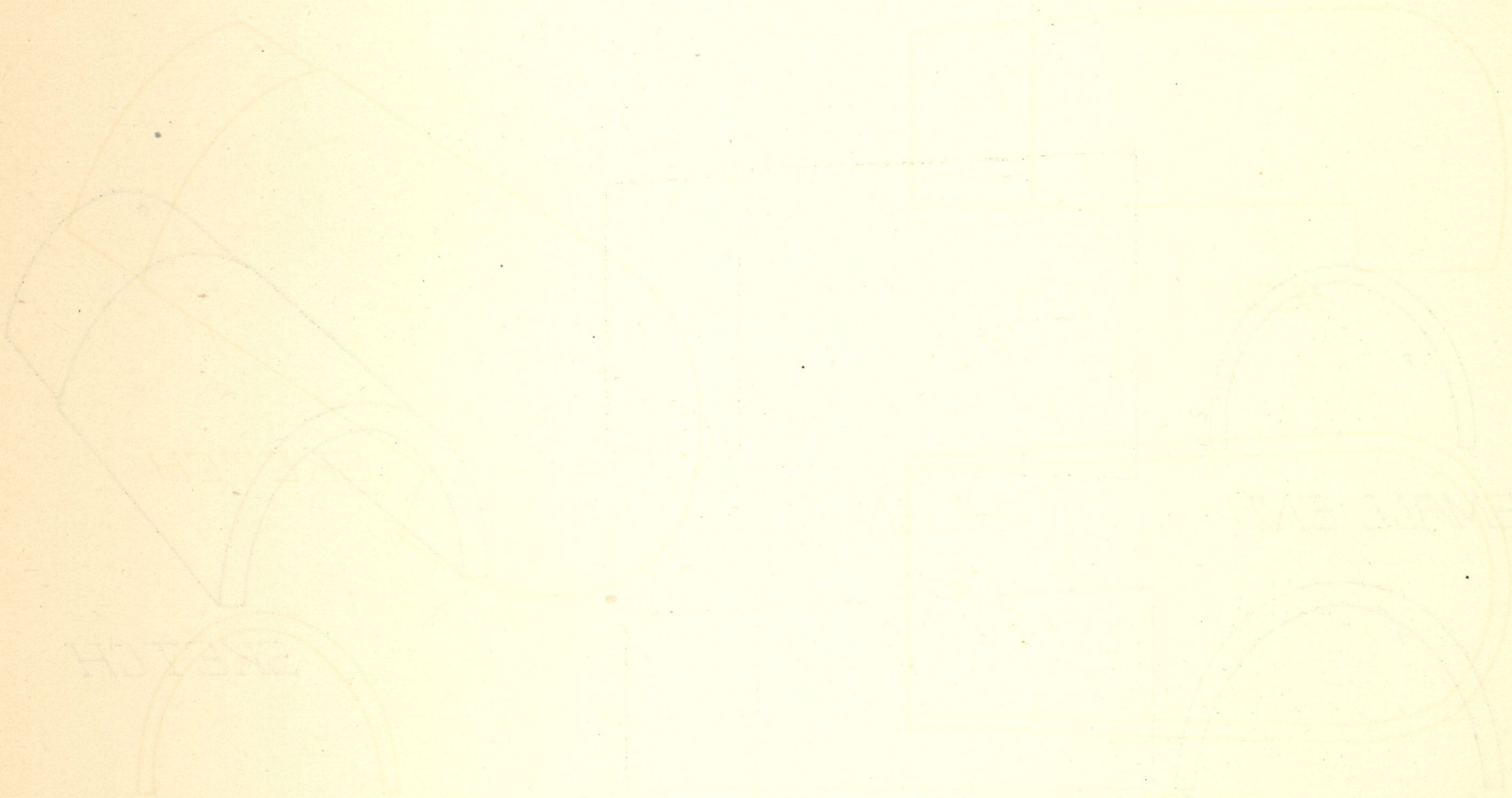


LARGE END



SIDE

NO. 153 H.P. STEPHEN
TECHNICAL DRAWING
JAMES H. STEPHEN CO.

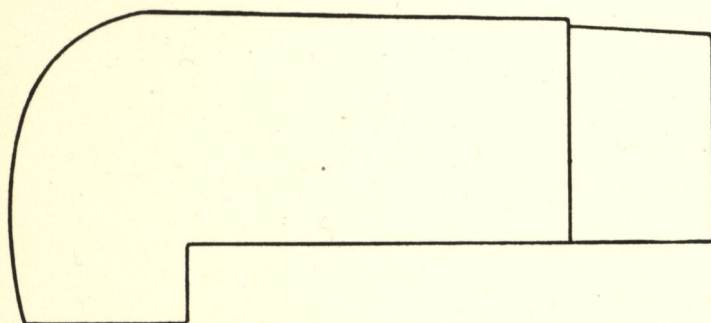


HTSE

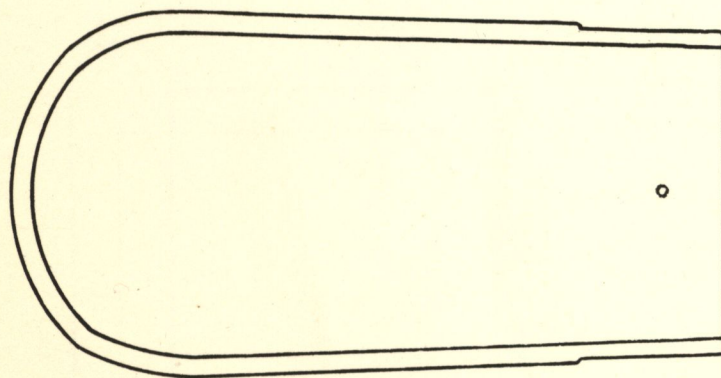
END

HTSE

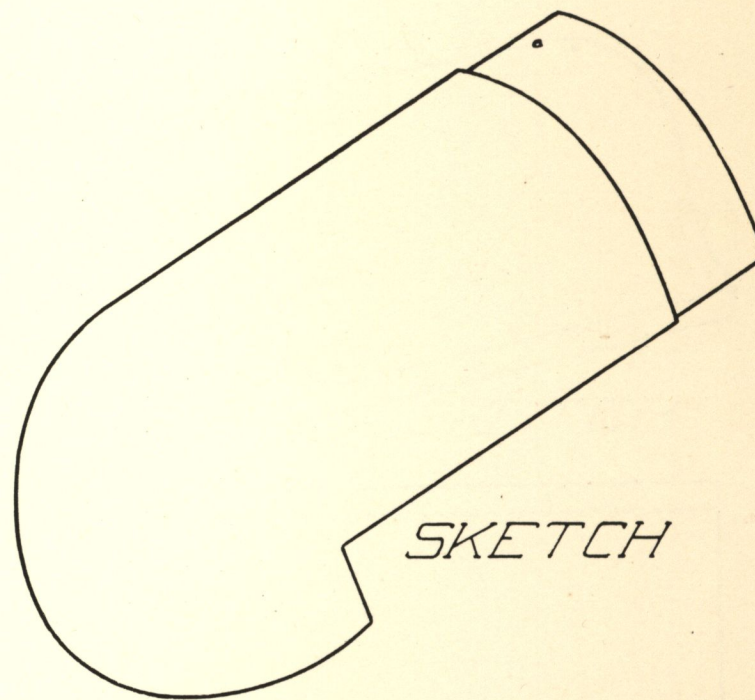
NO 159 HIP STARTER
LUDOWICI-CELADON CO
SCALE 3" EQUAL 1'-0".



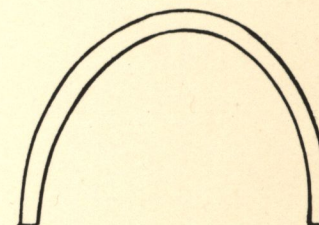
SIDE



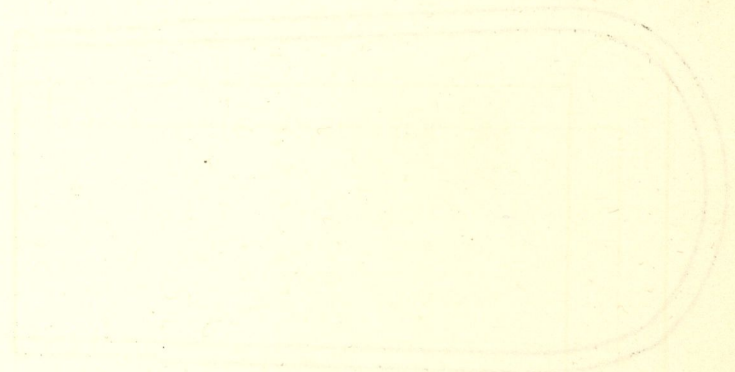
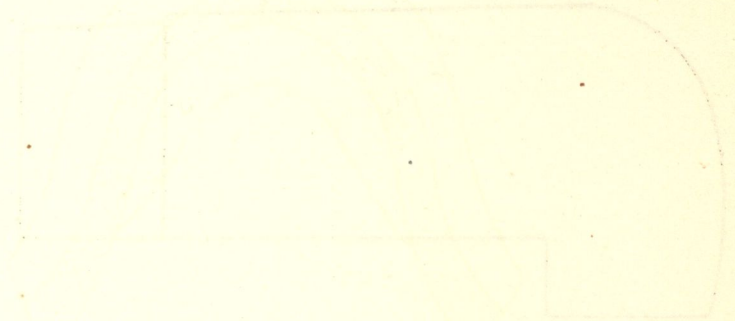
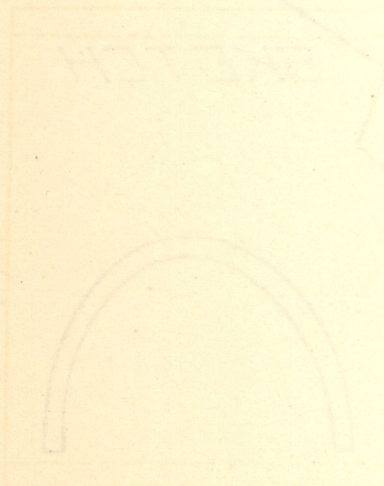
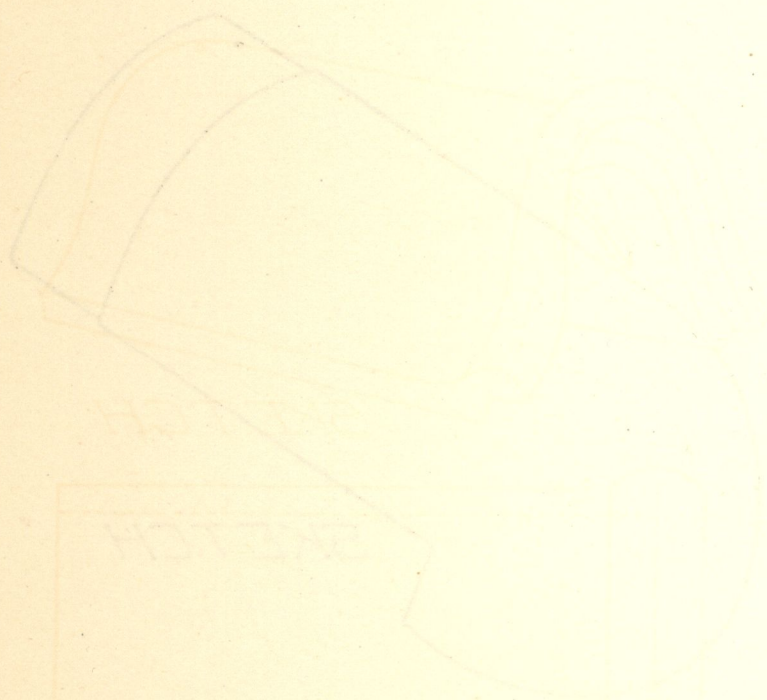
PLAN



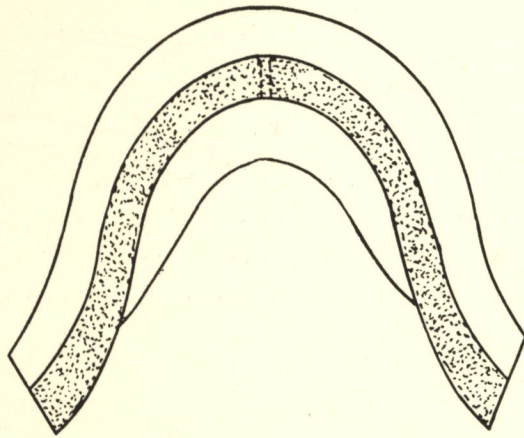
SKETCH



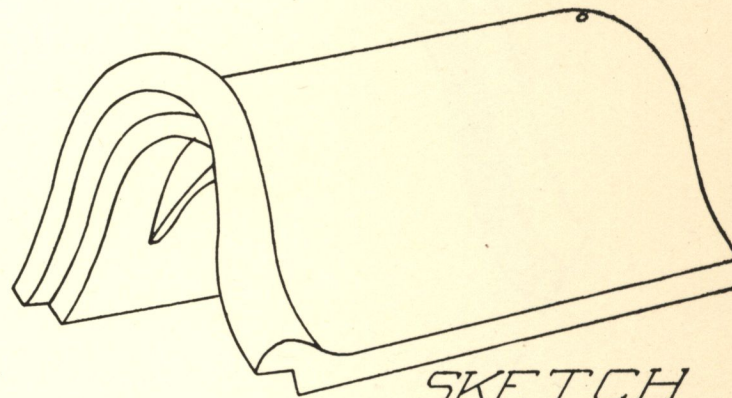
END



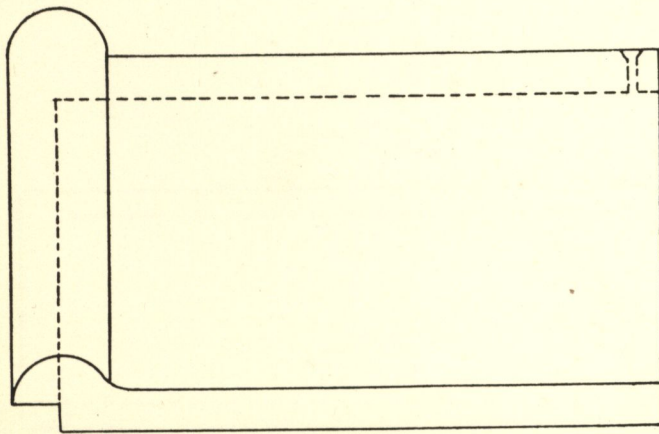
NO 213 RIDGE
LUDOWICI-CELADON CO.
SCALE 3' EQUAL 1'-0"



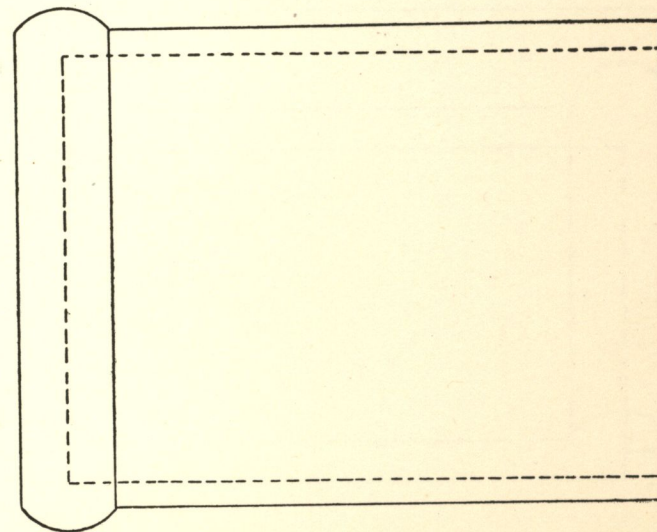
SECTION



SKETCH



SIDE



PLAN

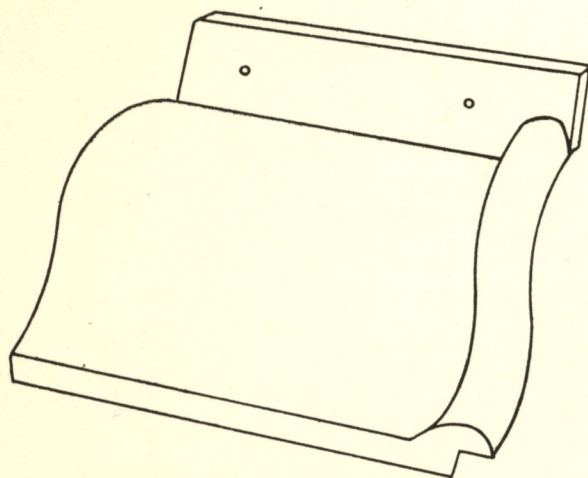
THE UNIVERSITY OF CHICAGO
LIBRARY



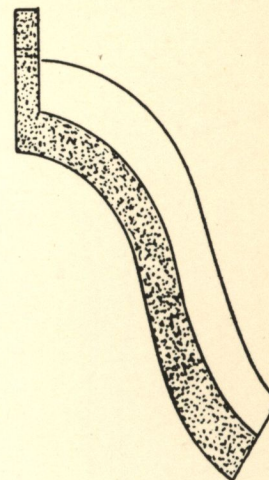
UNIVERSITY OF CHICAGO

LIBRARY

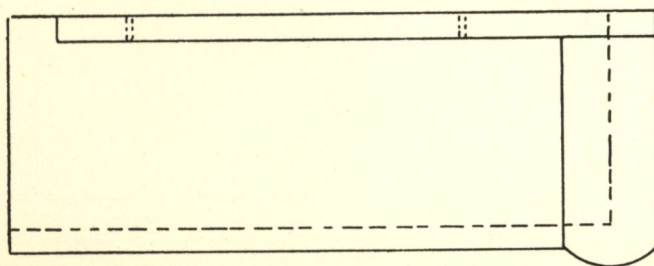
NO. 213 DECK MOULD RAISED FLANGE
LUDOWICI-CELADON CO.
SCALE 3" EQUAL 1'-0"



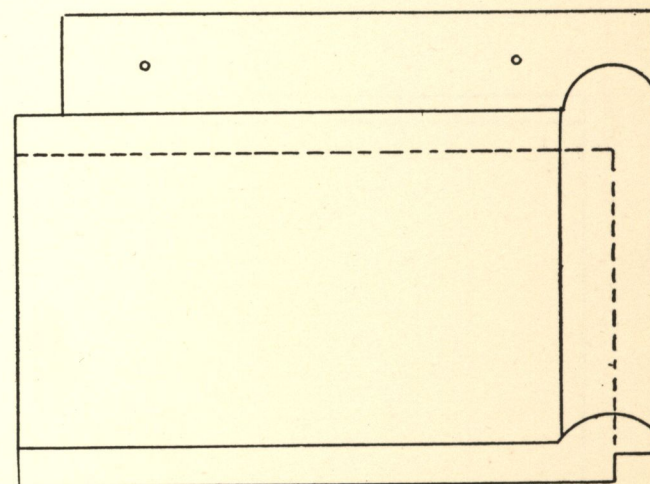
SKETCH



SECTION

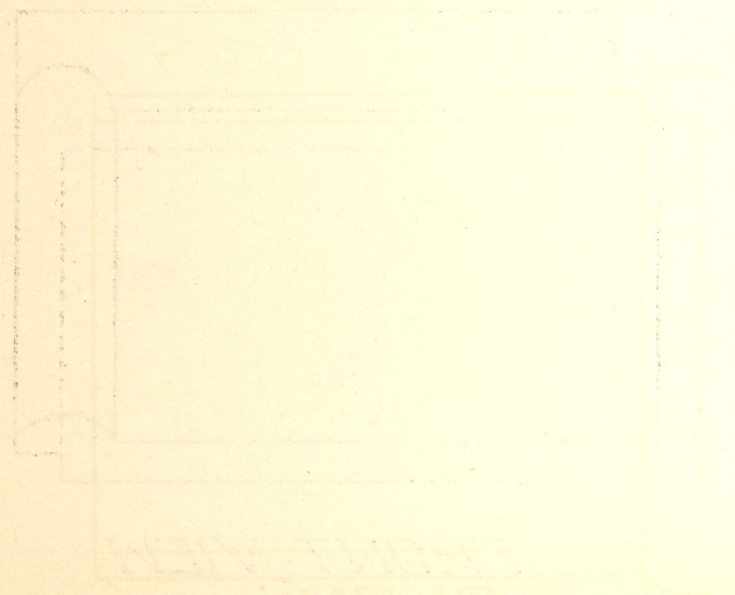


PLAN

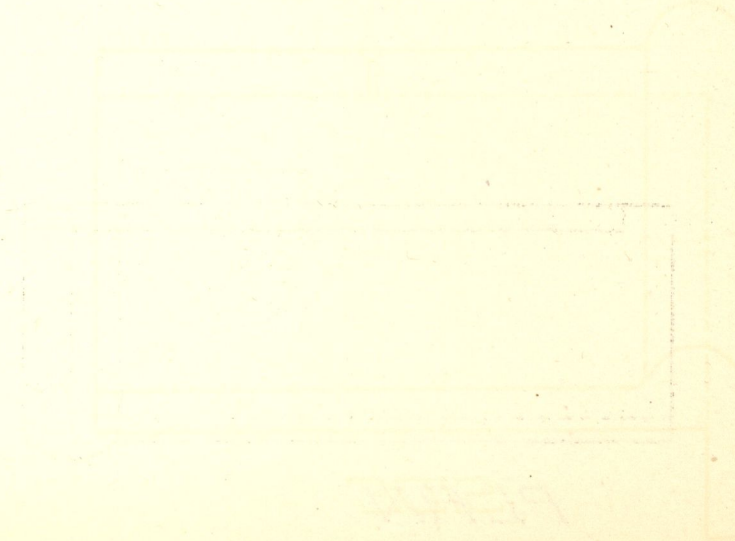


FRONT VIEW

NO. 19 OF 1900
LONDON
JAN 1901

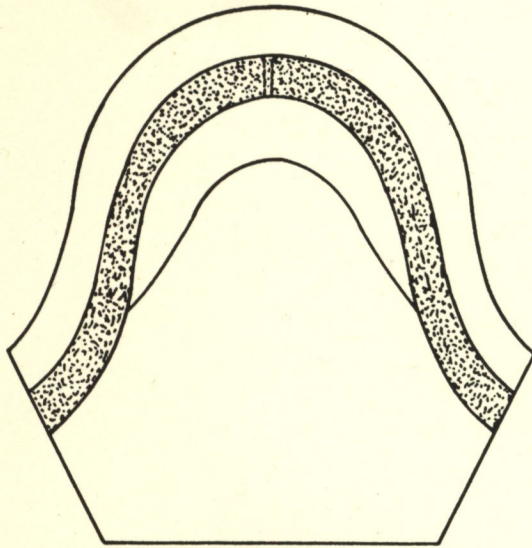


VIEW FROM
WEST

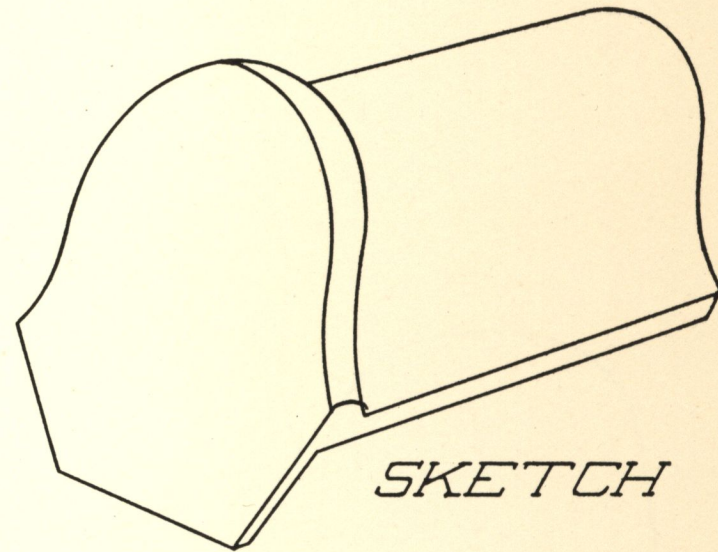


VIEW FROM
EAST

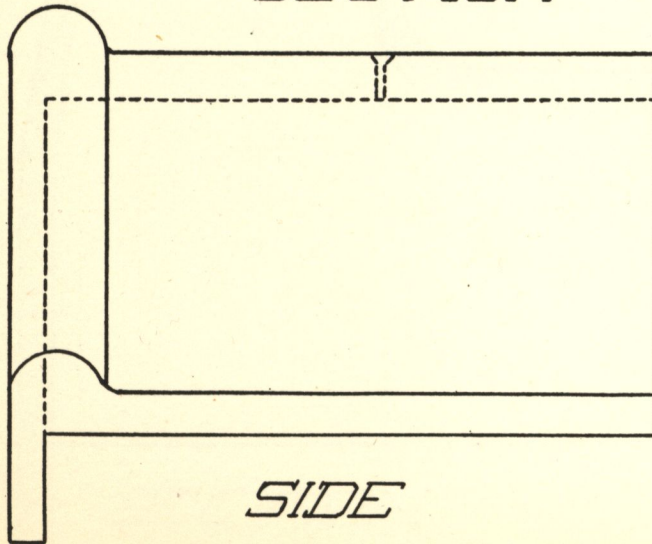
*NO. 213 CLOSED RIDGE END
LUDOWICI-CELADON CO.
SCALE 3" EQUAL 1'-0"*



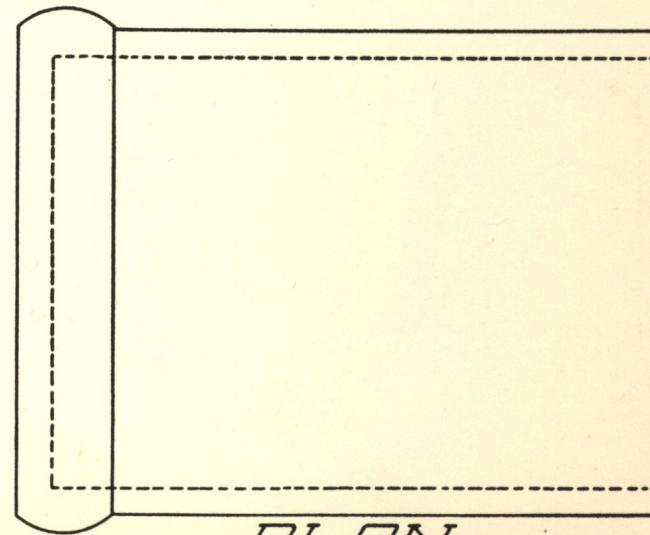
SECTION



SKETCH



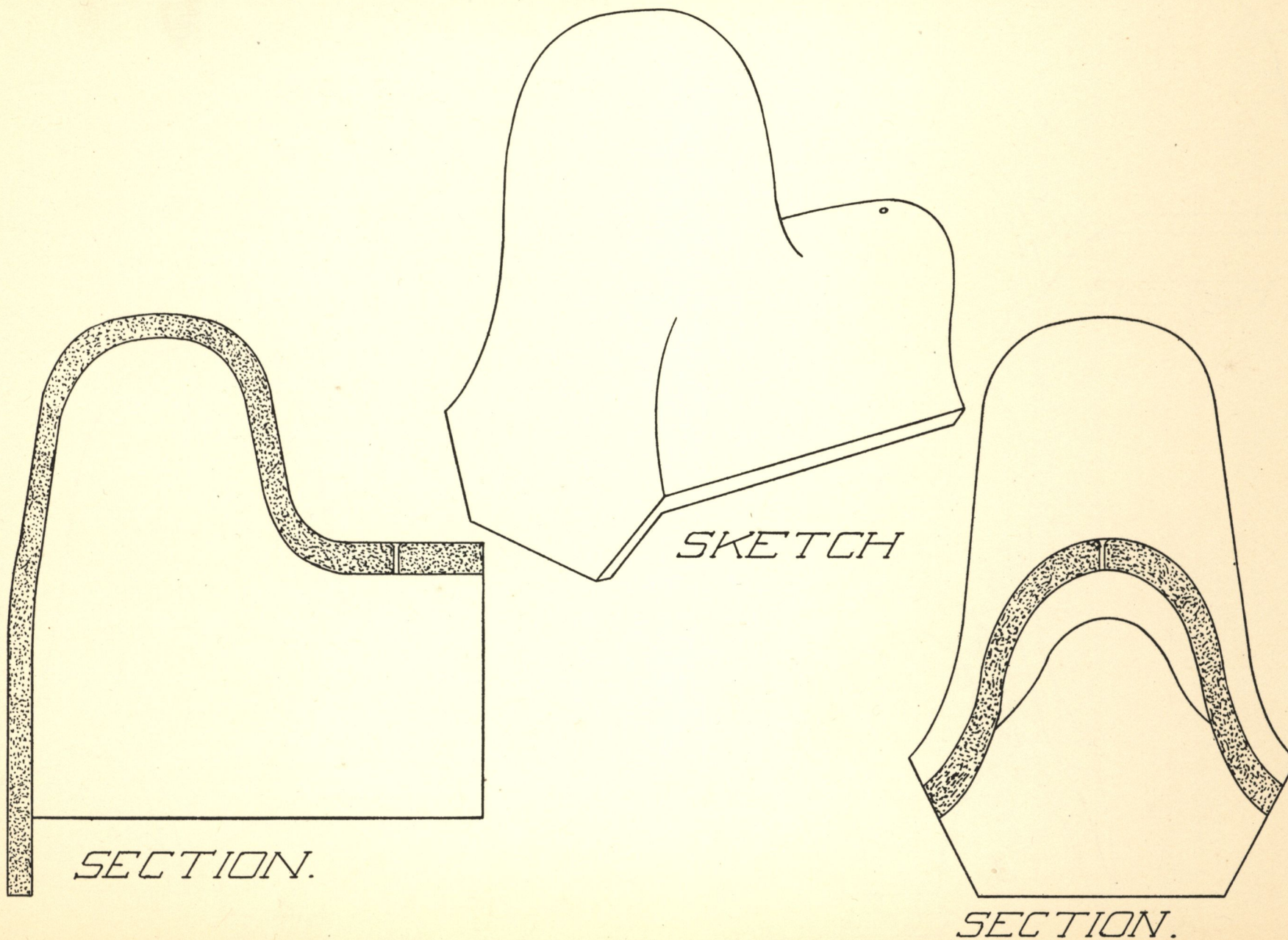
SIDE



PLAN

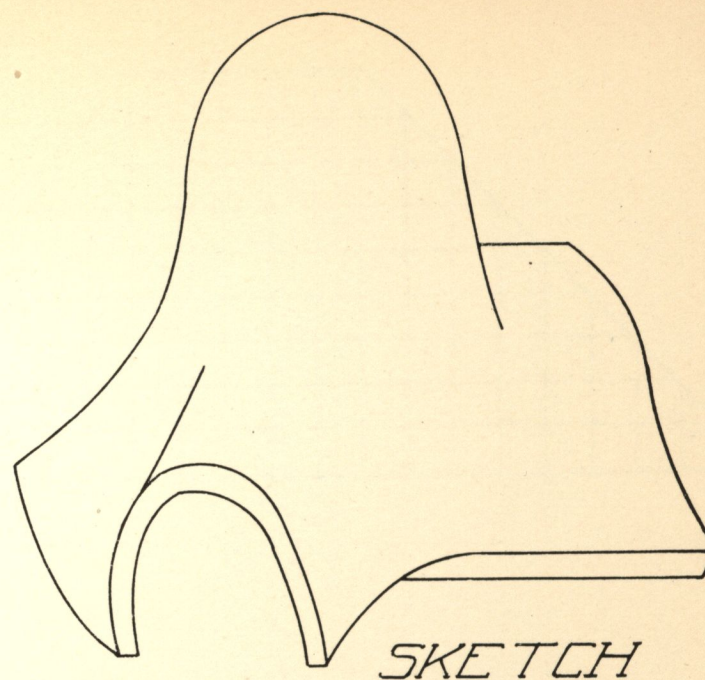


*NO. 406 GABLE TERMINAL
LUDOWICI-CELADON CO.
SCALE 3" EQUAL 1'-0."
FOR NO. 213 RIDGE*

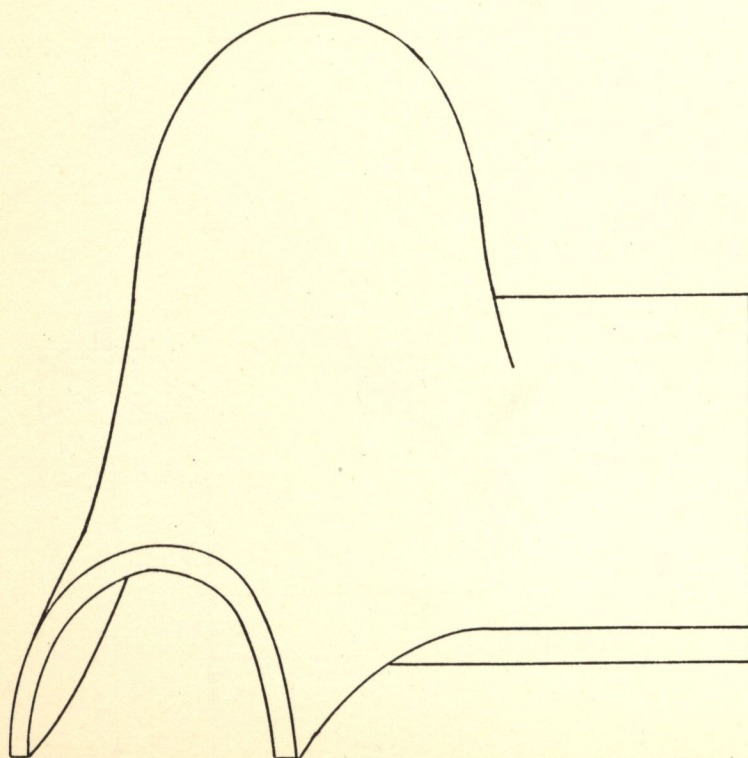




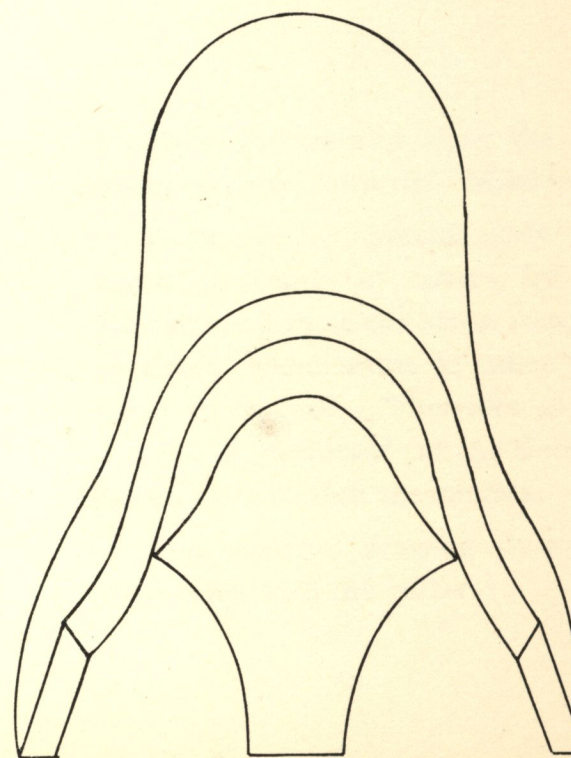
NO. 405 2H&1R TERMINAL
FOR
NO. 109 HIP ROLL & NO 213 RIDGE
LUDOWICI-CELADON CO.
SCALE 3" EQUAL 1'-0"



SKETCH

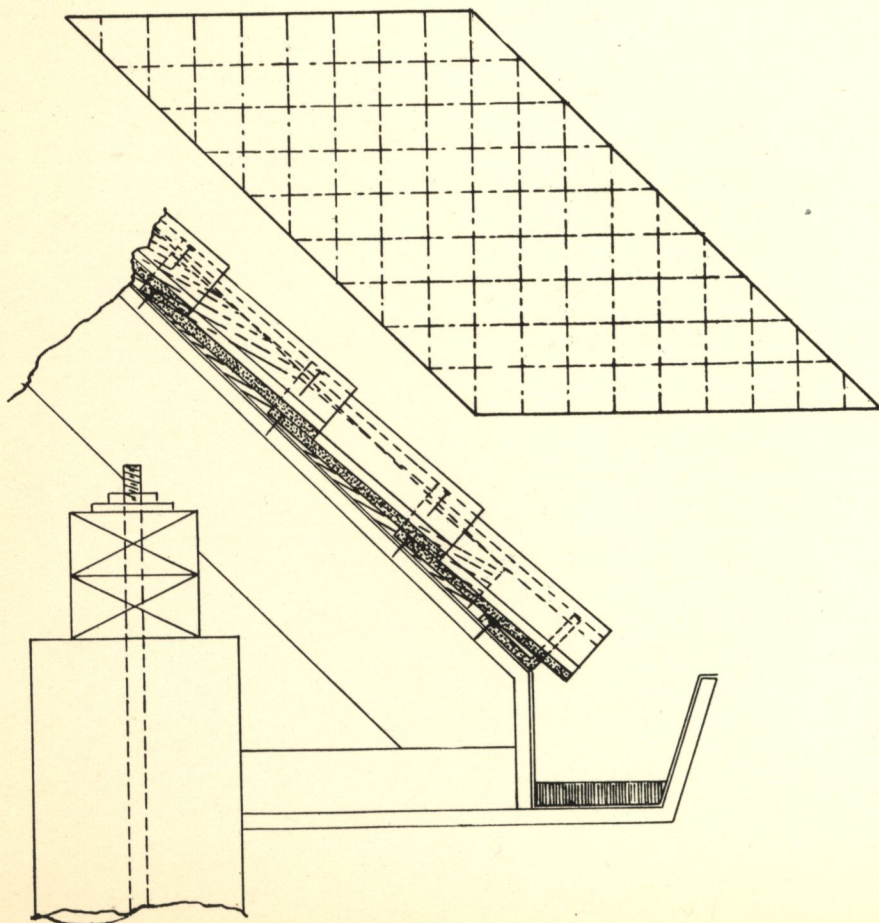
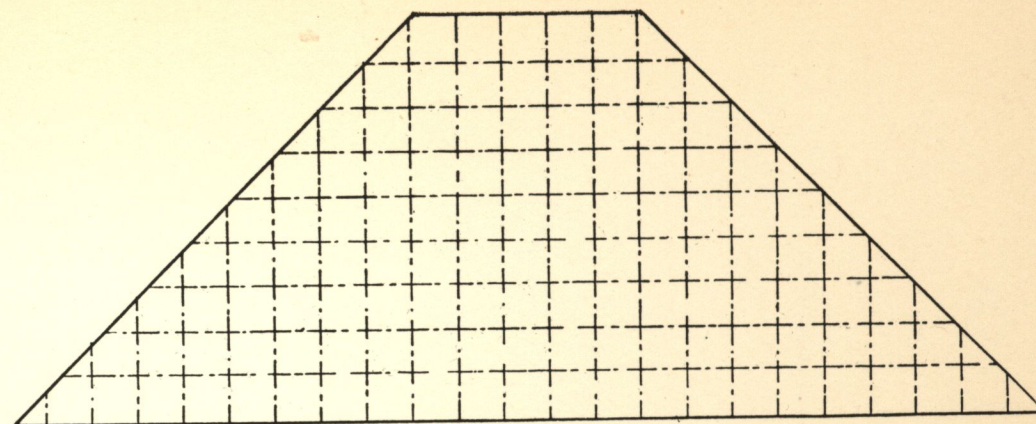
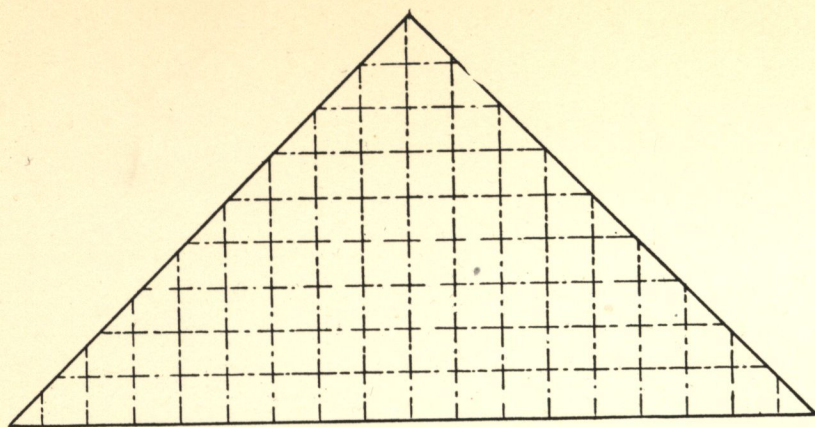


SIDE



END

These illustrations show the proper method of
packing and the important dimensions. The
size of the box should be 11 inches wide,
11 inches high and 11 inches deep. The box
should be packed with a layer of sawdust or
other soft material. The box should be
packed with a layer of sawdust or other
soft material. The box should be packed
with a layer of sawdust or other soft
material. The box should be packed with
a layer of sawdust or other soft material.



These illustrations show the proper method of lining roof for "Imperial" Mission Tile.

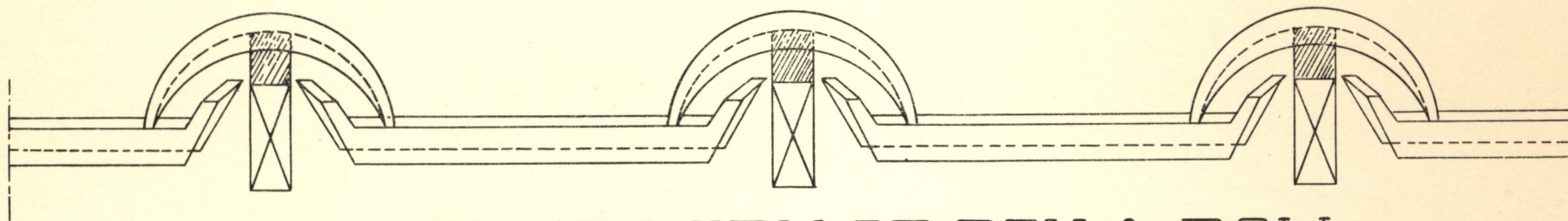
These tile lay approximately $11\frac{1}{2}$ inches width, center to center of covers, by 11 inches length. However, all shale tile has a range of size according to shade, which must be taken into consideration when lining roof. Therefore spacing must be increased or decreased as the shipment requires, but not so as to stretch the courses.

The sectional drawing shows the tile laid in connection with the gutter.

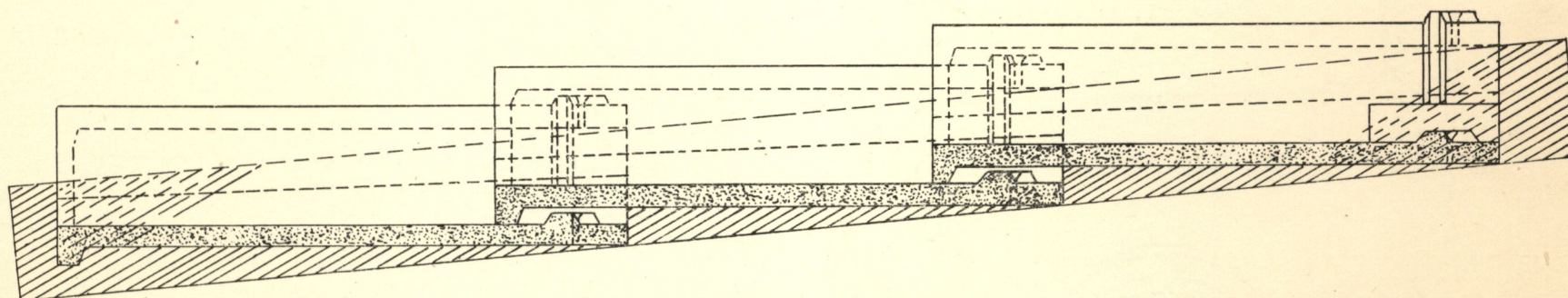


...the method of
...Mission The
...approximately 11.5 inches within
...of cover by 11 inches length
...has a range of about according
...be taken into consideration
...must be in
...the adjacent region, but
...the more
...the side of
...the latter

*"IMPERIAL" ROMAN TILE
LUDOWICI-CELADON CO.
SCALE 3" EQUAL 1'-0."*

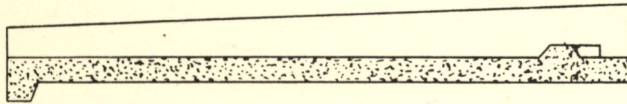


BUTT VIEW OF PAN & ROLL

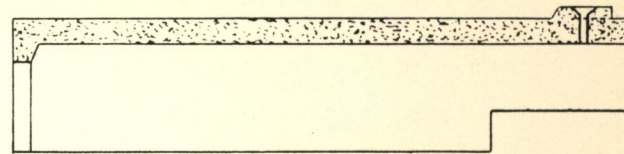


SECTION THRU PAN LOOKING TOWARD ROLL.

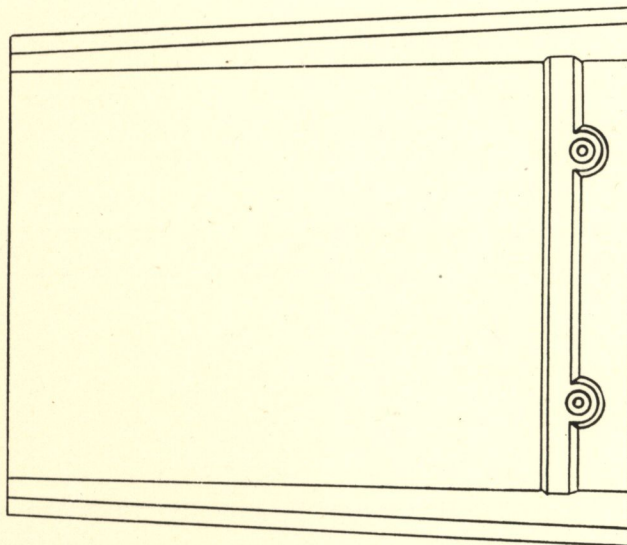
"IMPERIAL" ROMAN TILE
LUDOWICI-CELADON CO.
SCALE 3" EQUAL 1'-0"



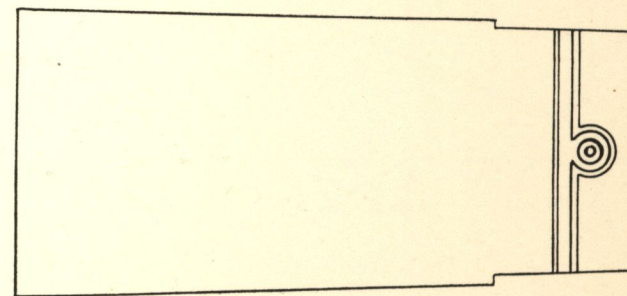
SECTION OF PAN



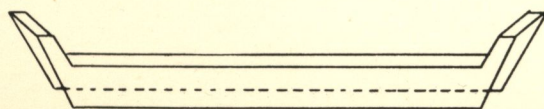
SECTION OF ROLL



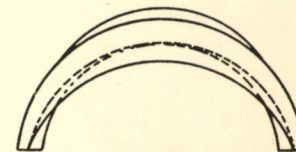
PLAN OF PAN



PLAN OF ROLL



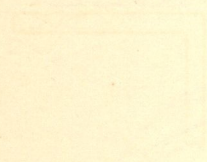
END VIEW OF PAN



END VIEW OF ROLL

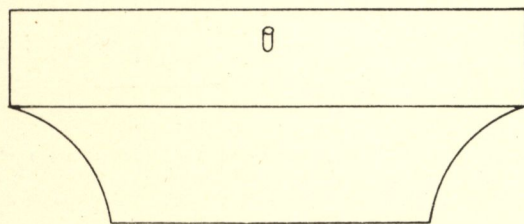


SKETCH

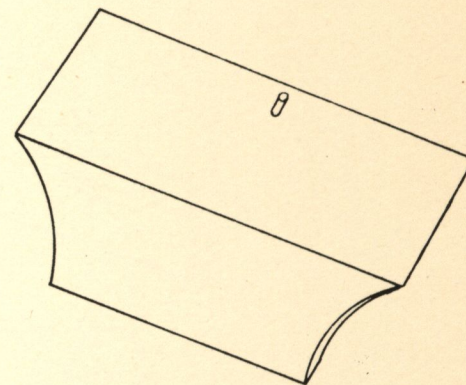


DETAIL

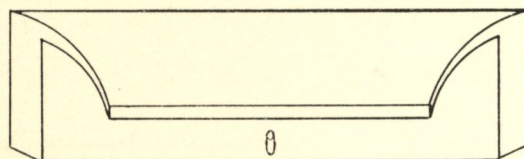
TOP FIXTURE
 FOR
 "IMPERIAL" ROMAN TILE
 LUDOWICI-CELADON CO.
 SCALE 3" EQUAL 1'-0."



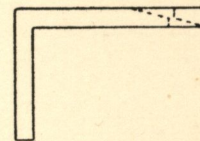
SKETCH LOOKING DOWN



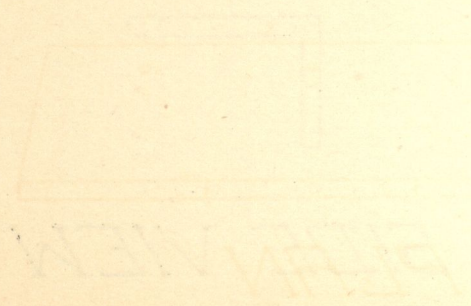
SKETCH



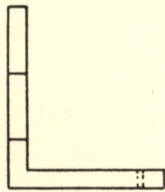
SKETCH LOOKING UP



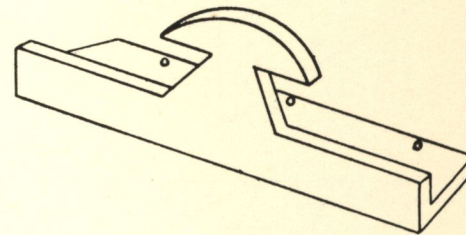
SIDE VIEW



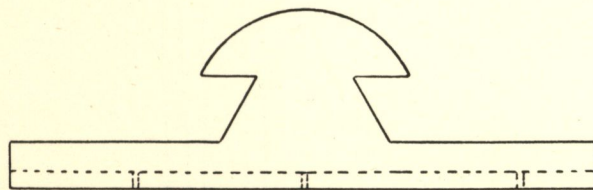
MISSION EAVE CLOSURE
 FOR
 "IMPERIAL" ROMAN TILE
 LUDOWICI-CELADON CO.
 SCALE 3" EQUAL 1'-0."



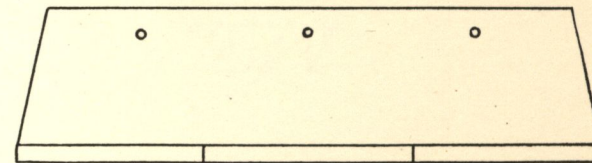
SIDE VIEW



SKETCH



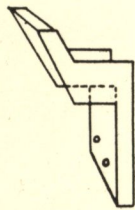
FRONT VIEW



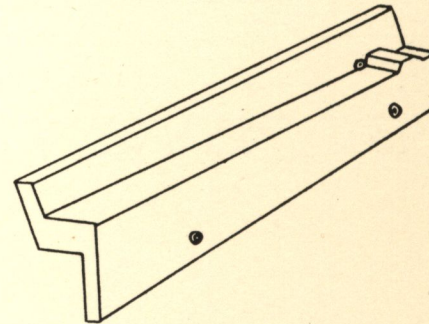
PLAN



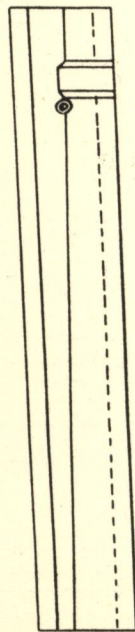
DETACHED GABLE RAKE
 FOR
 "IMPERIAL" ROMAN TILE
 LUDOWICI-CELADON CO
 SCALE 3" EQUAL 1'-0"



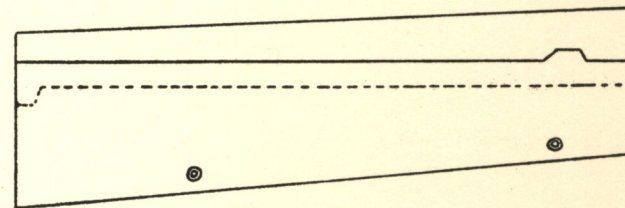
END VIEW



SKETCH



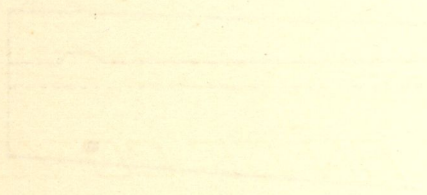
PLAN



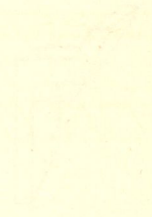
SIDE VIEW



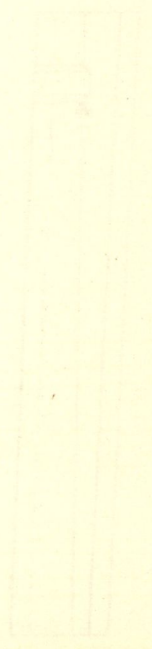
SKETCH



VIEW

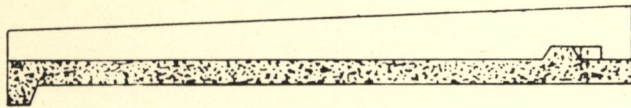


END VIEW

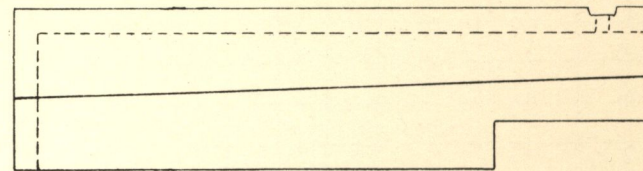


END VIEW

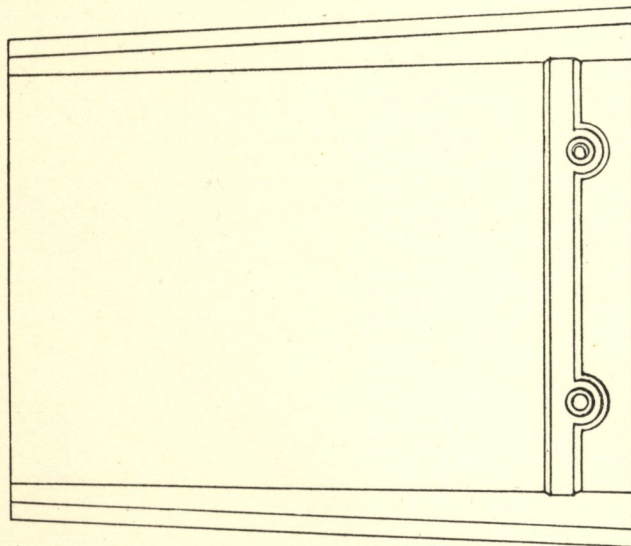
"IMPERIAL" GREEK TILE HEXAGON COVER
LUDOWICI-CELADON CO.
SCALE 3" EQUAL 1'-0."



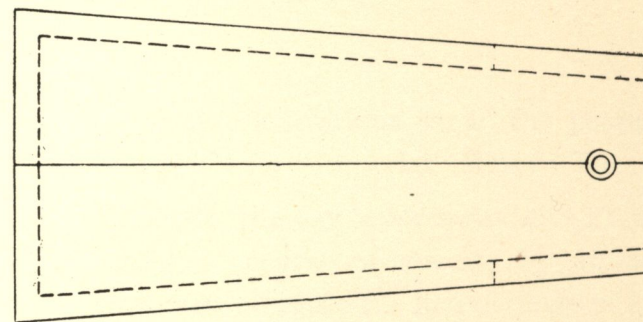
SECTION OF PAN



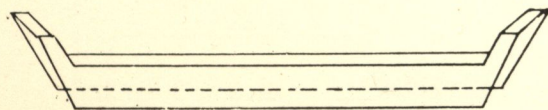
SIDE VIEW OF COVER



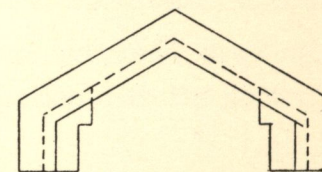
PLAN OF PAN



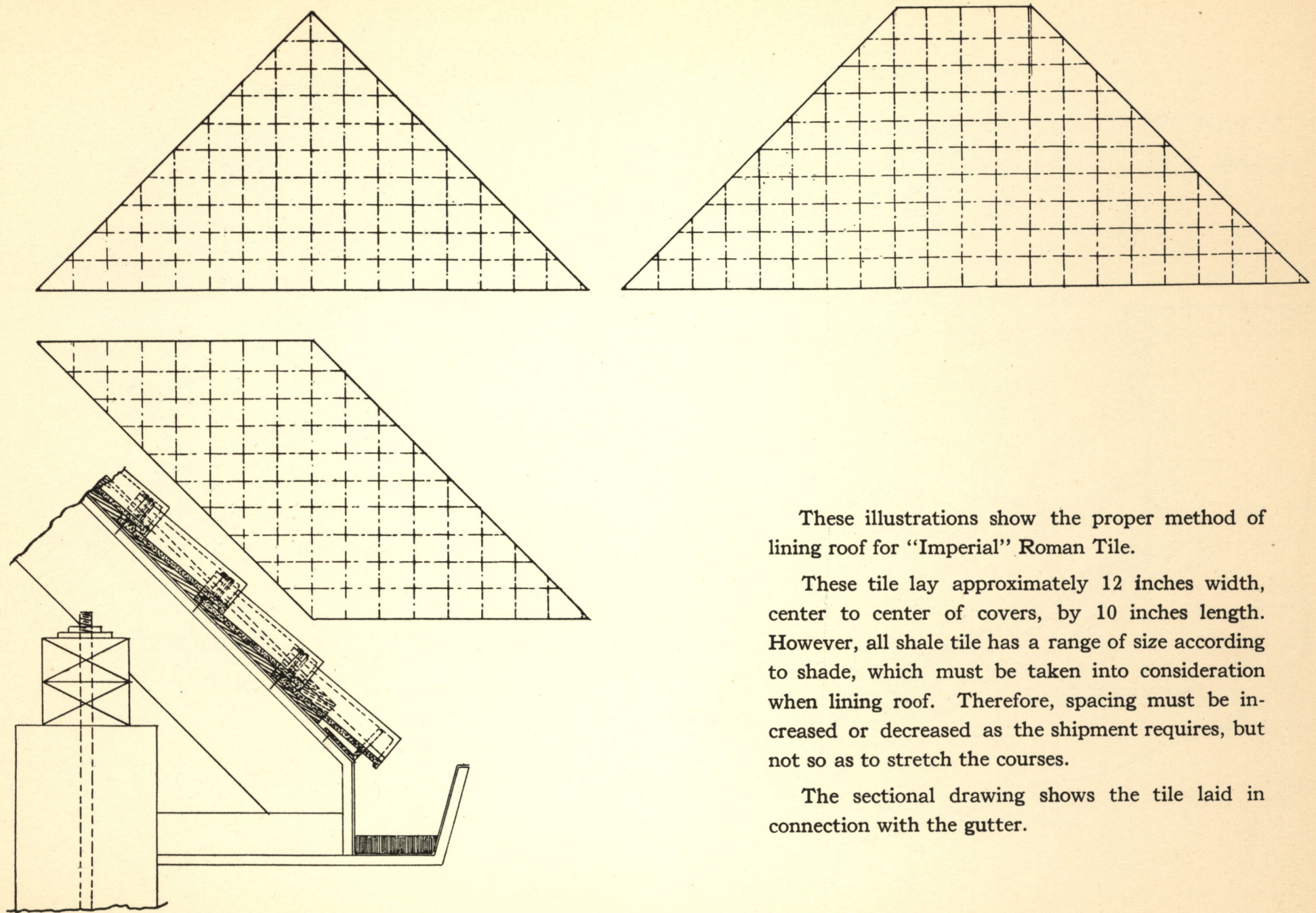
PLAN OF COVER



END VIEW OF PAN



END VIEW OF COVER

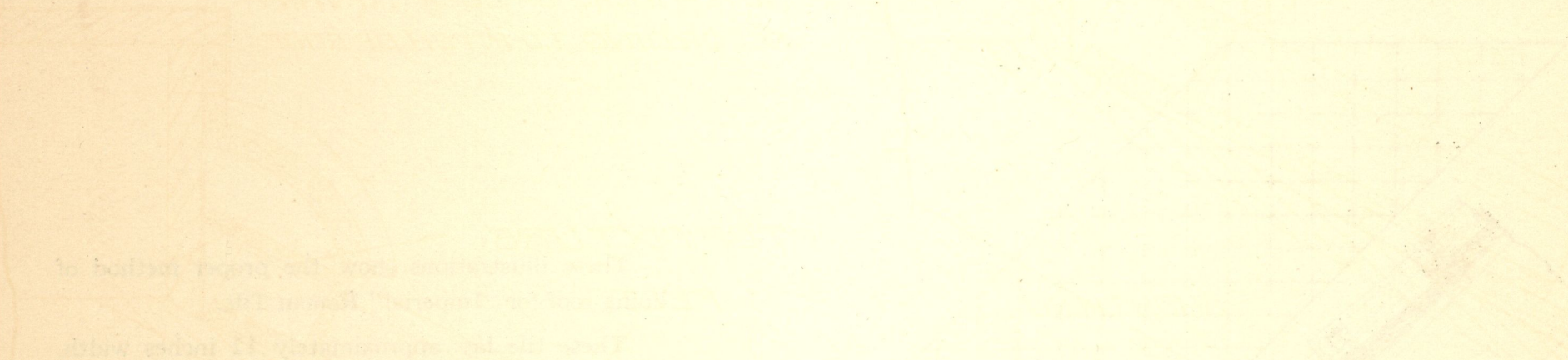


These illustrations show the proper method of lining roof for "Imperial" Roman Tile.

These tile lay approximately 12 inches width, center to center of covers, by 10 inches length. However, all shale tile has a range of size according to shade, which must be taken into consideration when lining roof. Therefore, spacing must be increased or decreased as the shipment requires, but not so as to stretch the courses.

The sectional drawing shows the tile laid in connection with the gutter.

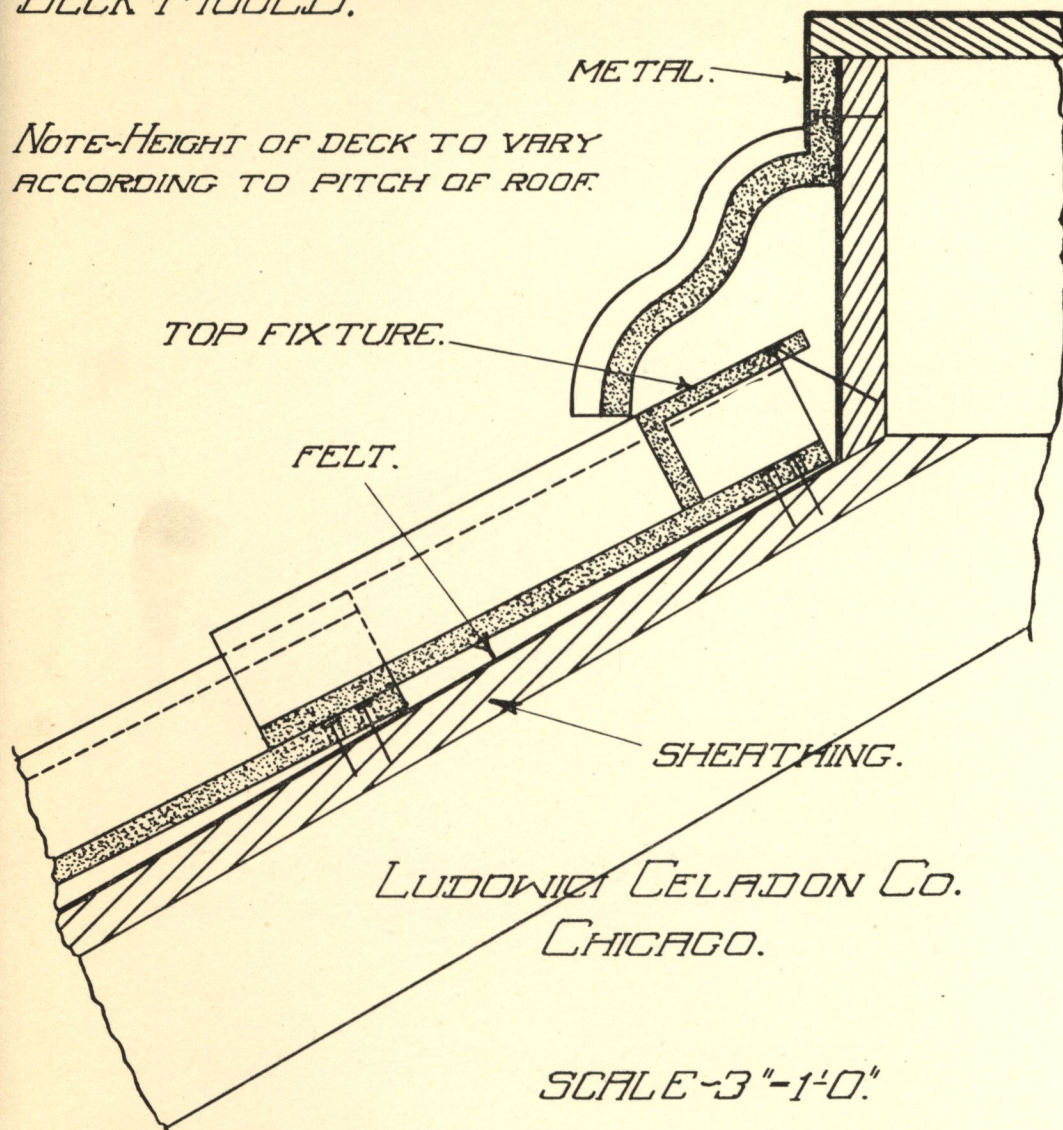
THEORY OF THE
EARTH AND ITS HISTORY



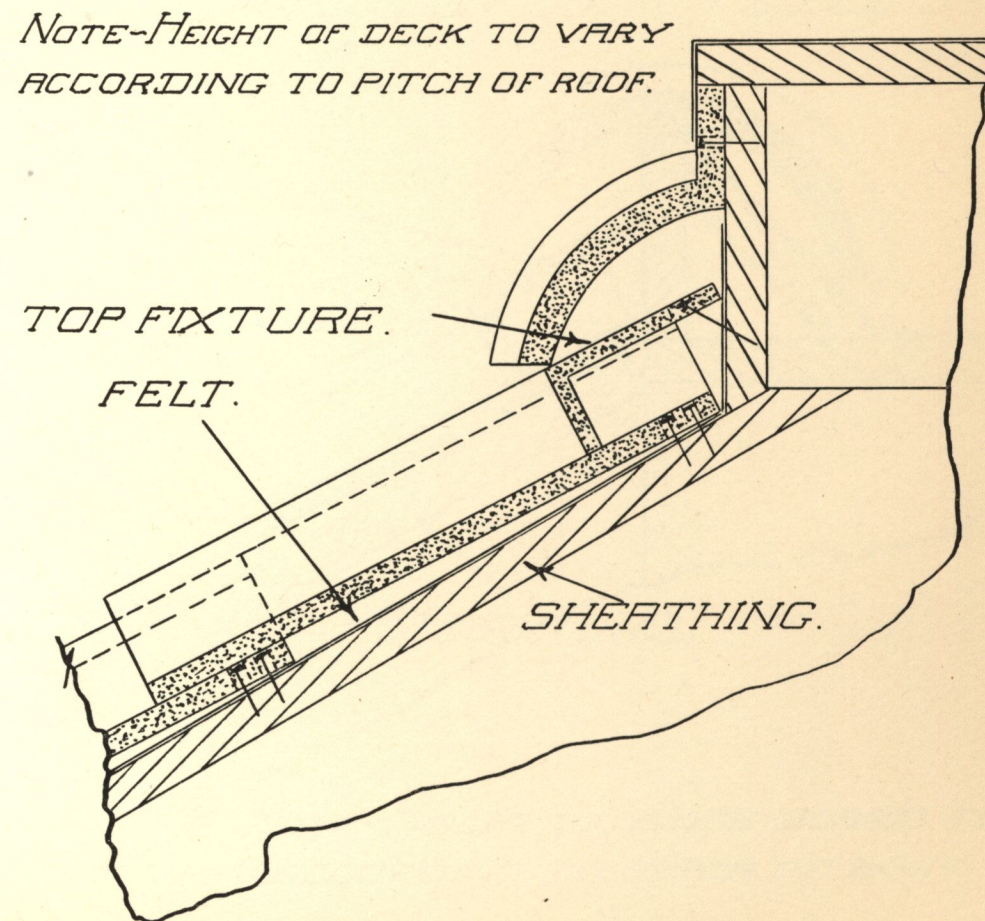
These illustrations show the proper method of
drawing a cross-section of a geological formation.
The first illustration shows a cross-section of a
geological formation, and the second illustration
shows a cross-section of a geological formation.
The third illustration shows a cross-section of a
geological formation, and the fourth illustration
shows a cross-section of a geological formation.
The fifth illustration shows a cross-section of a
geological formation, and the sixth illustration
shows a cross-section of a geological formation.
The seventh illustration shows a cross-section of a
geological formation, and the eighth illustration
shows a cross-section of a geological formation.
The ninth illustration shows a cross-section of a
geological formation, and the tenth illustration
shows a cross-section of a geological formation.



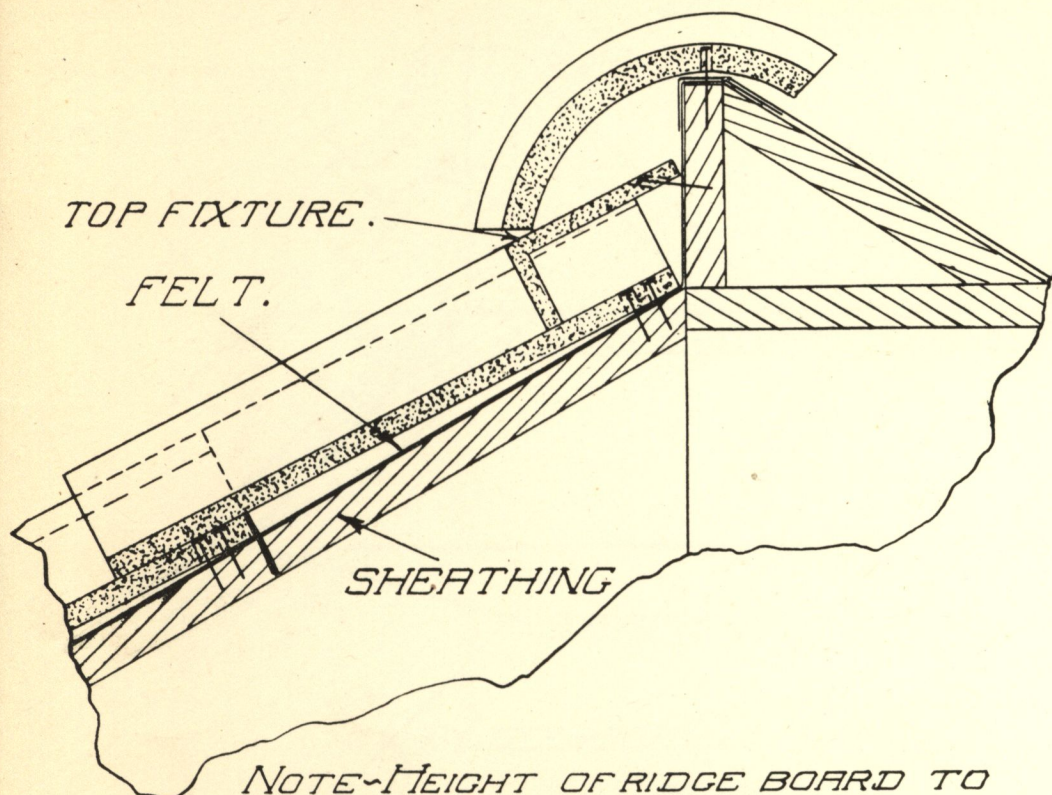
DETAIL SHOWING DECK CONSTRUCTION
FOR "IMPERIAL" SPANISH TILE AND No. 206
DECK MOULD.



DETAIL SHOWING DECK CONSTRUCTION
FOR "IMPERIAL" SPANISH TILE AND N^o
215 DECK MOULD.



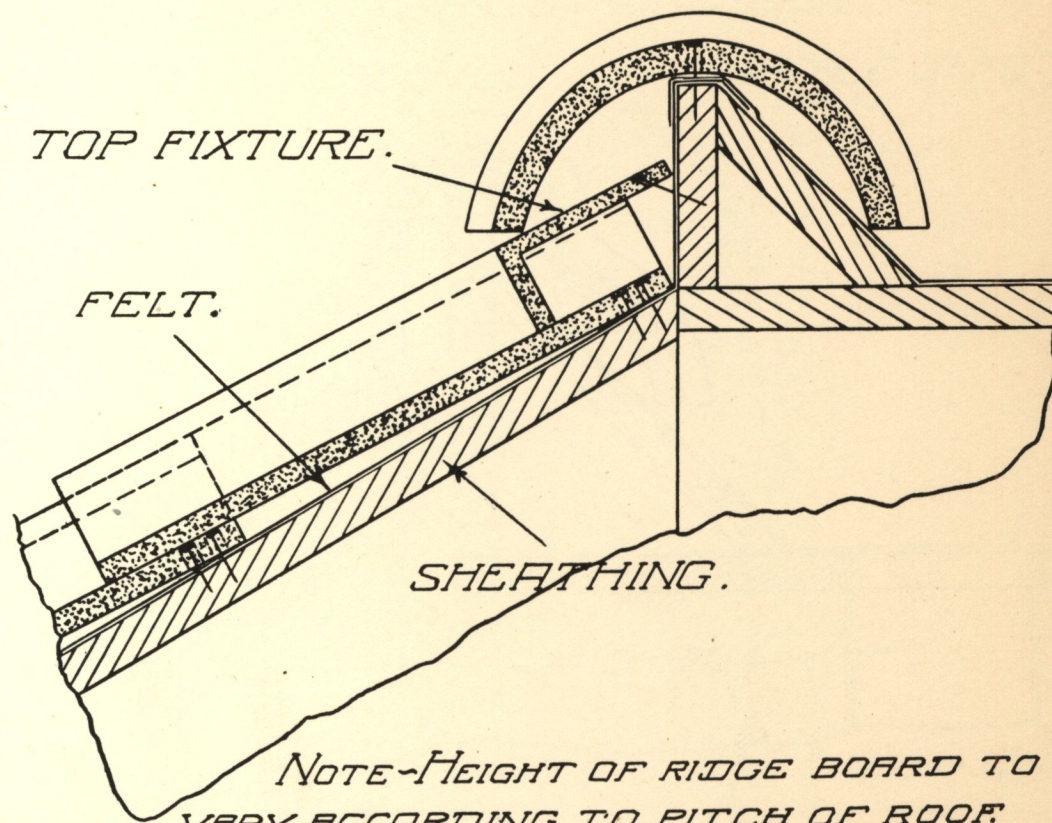
DETAIL SHOWING DECK CONSTRUCTION FOR
 "IMPERIAL" SPANISH TILE AND N^o 215
 DECK MOULD CUT OFF RIDGE TYPE.



NOTE-HEIGHT OF RIDGE BOARD TO
 VARY ACCORDING TO PITCH OF ROOF.

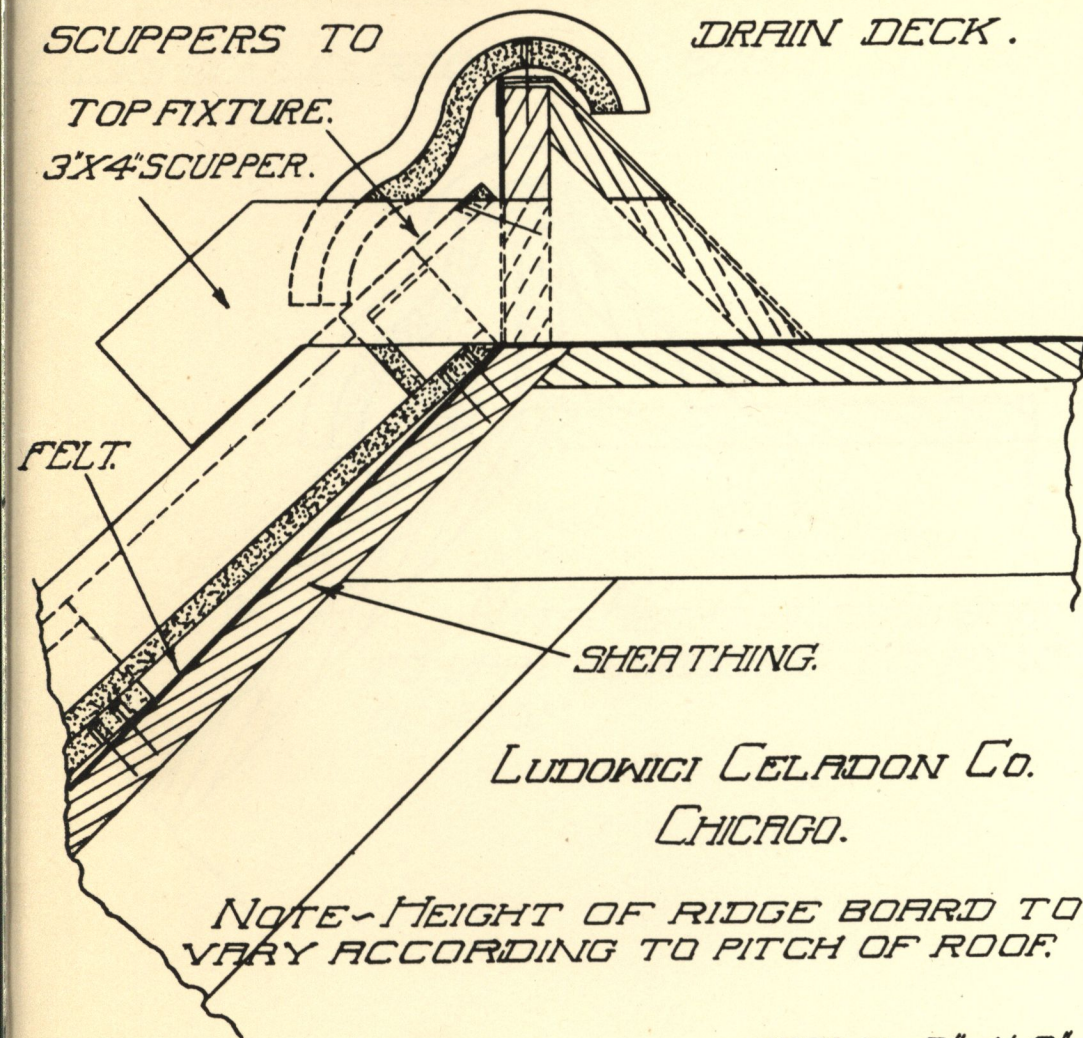
LUDOWICI CELADON CO. SCALE 3"-1'-0."

DETAIL SHOWING DECK CONSTRUCTION FOR
 "IMPERIAL" SPANISH TILE AND N^o 215 RIDGE.
 LUDOWICI CELADON CO. SCALE 3"-1'-0."



NOTE-HEIGHT OF RIDGE BOARD TO
 VARY ACCORDING TO PITCH OF ROOF.

DETAIL SHOWING DECK CONSTRUCTION FOR
 "IMPERIAL" SPANISH TILE AND N°206 DECK
 MOULD CUT OFF RIDGE TYPE USING 3"X4"
 SCUPPERS TO DRAIN DECK.

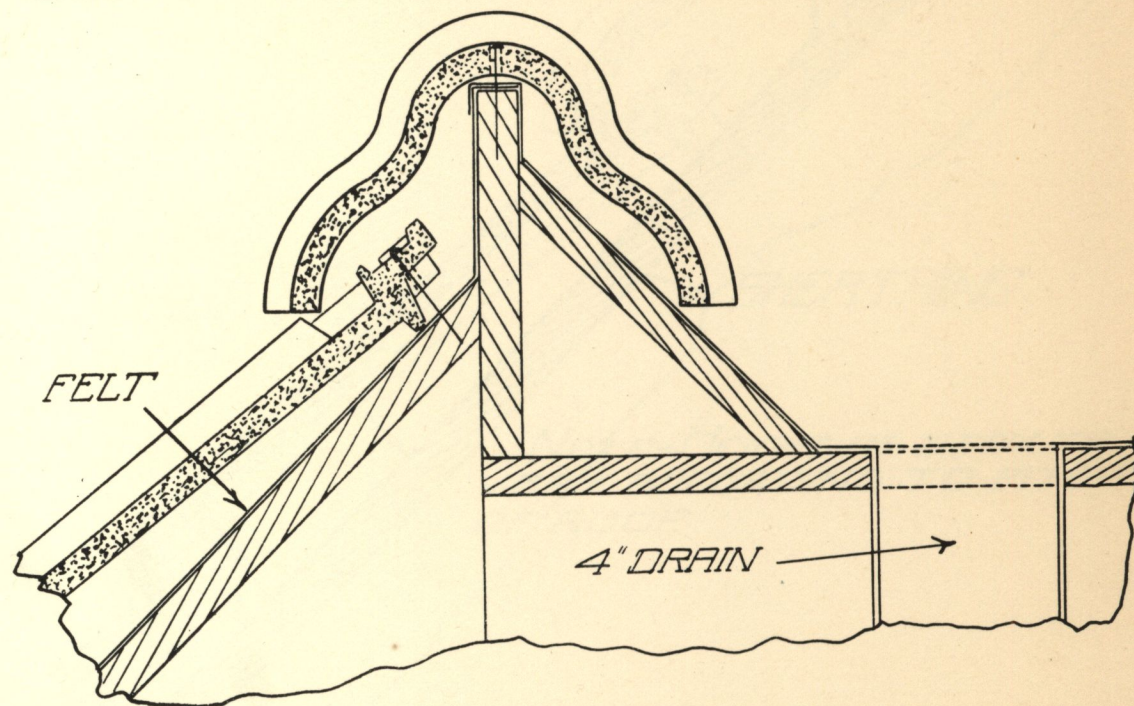


LUDOWICI CELADON Co.
 CHICAGO.

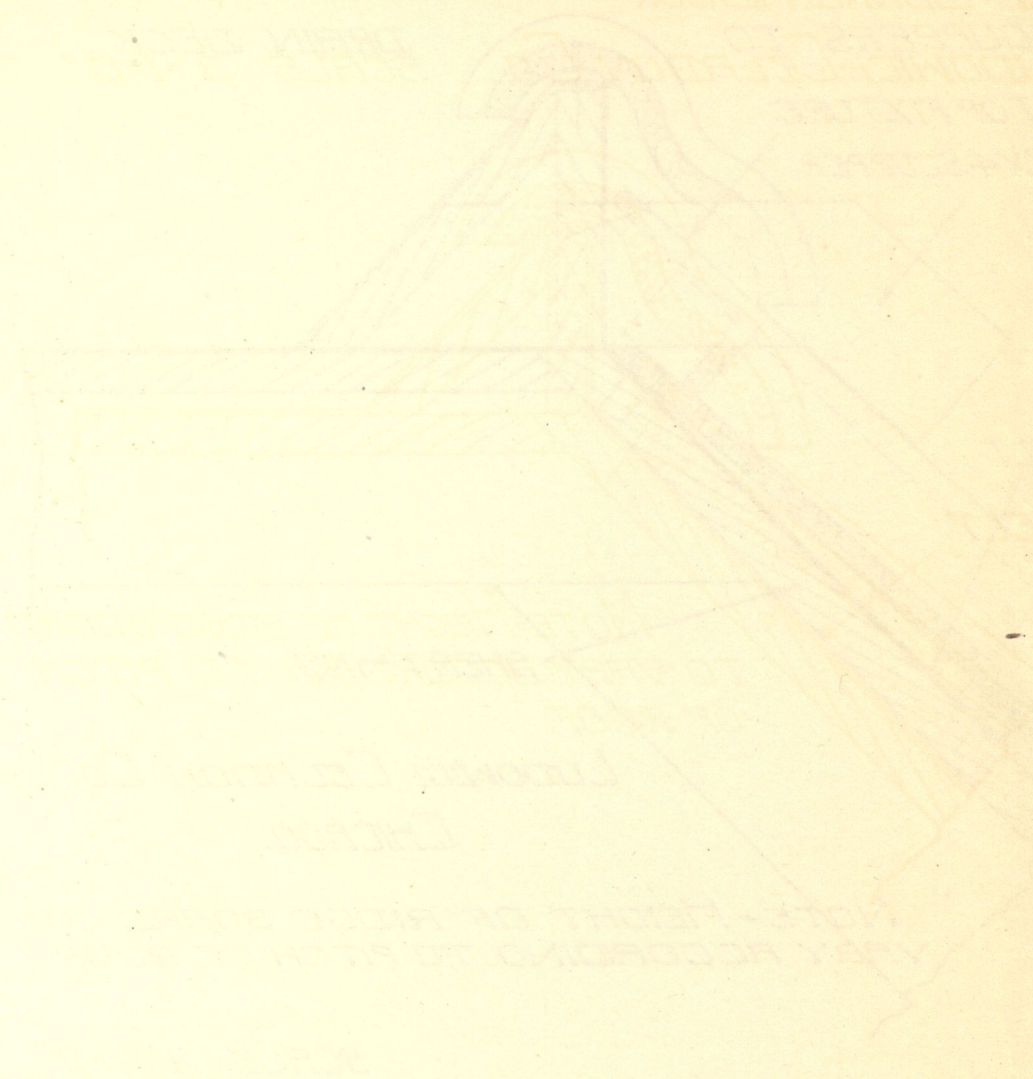
NOTE-HEIGHT OF RIDGE BOARD TO
 VARY ACCORDING TO PITCH OF ROOF.

SCALE 3"=1'-0"

DETAIL OF "IMPERIAL" GERMAN TILE WITH
 N°206 RIDGE AND SUNKEN DECK.
 LUDOWICI CELADON Co. SCALE 3"=1'-0"

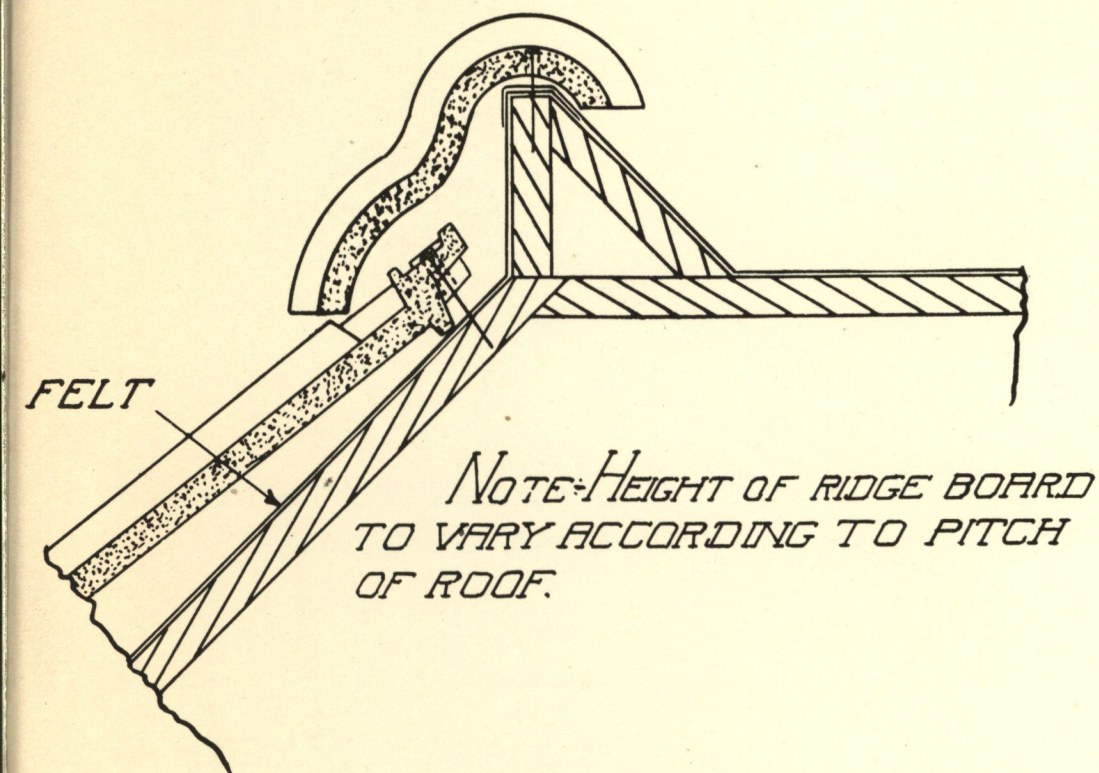


NOTE HEIGHT OF RIDGE BOARD REQUIRED, TO
 VARY ACCORDING TO PITCH OF ROOF.

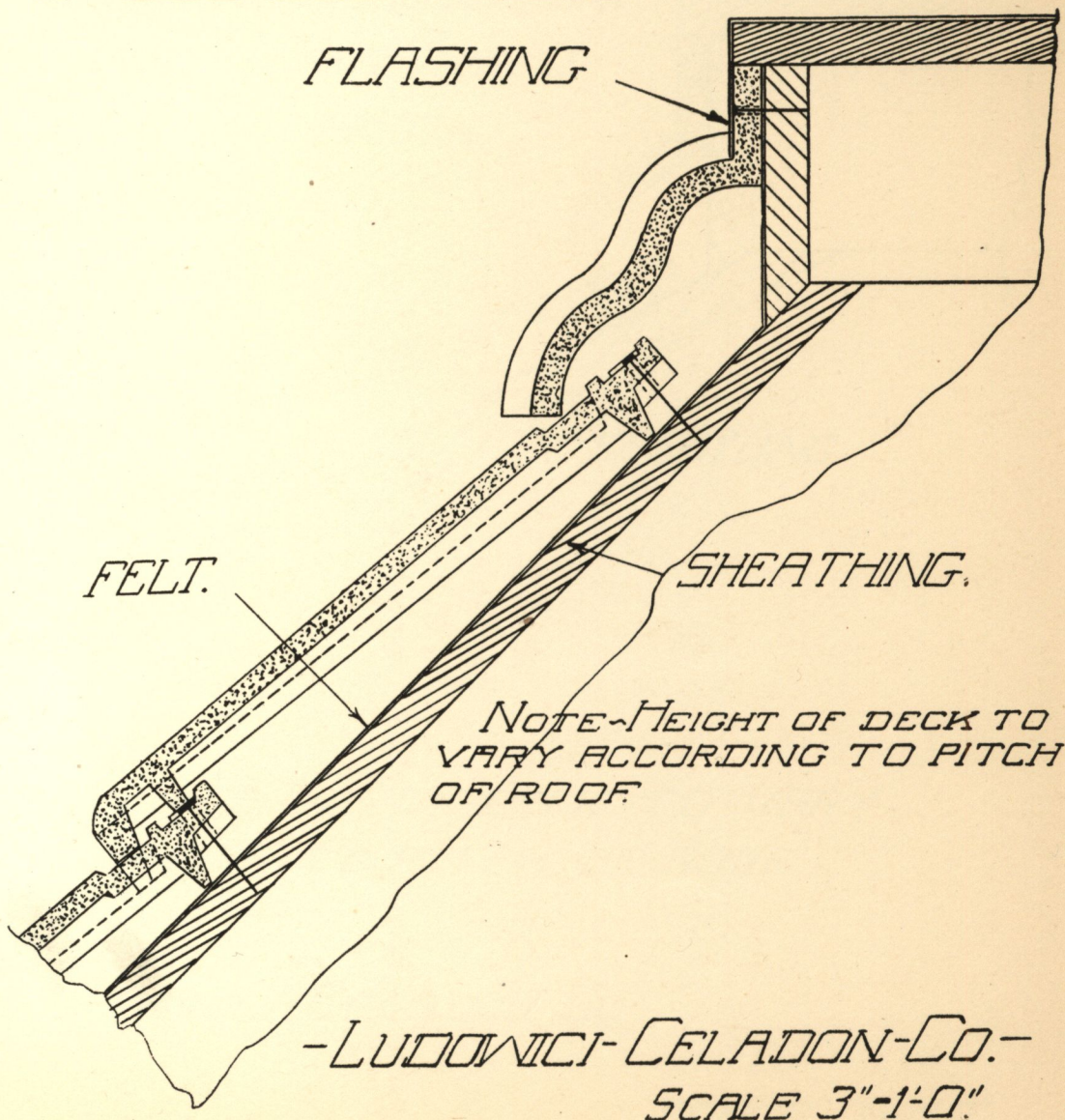


DETAIL OF "IMPERIAL" GERMAN TILE WITH
 N^o 206 DECK MOULD CUT OFF RIDGE TYPE
 AND SUNKEN DECK.

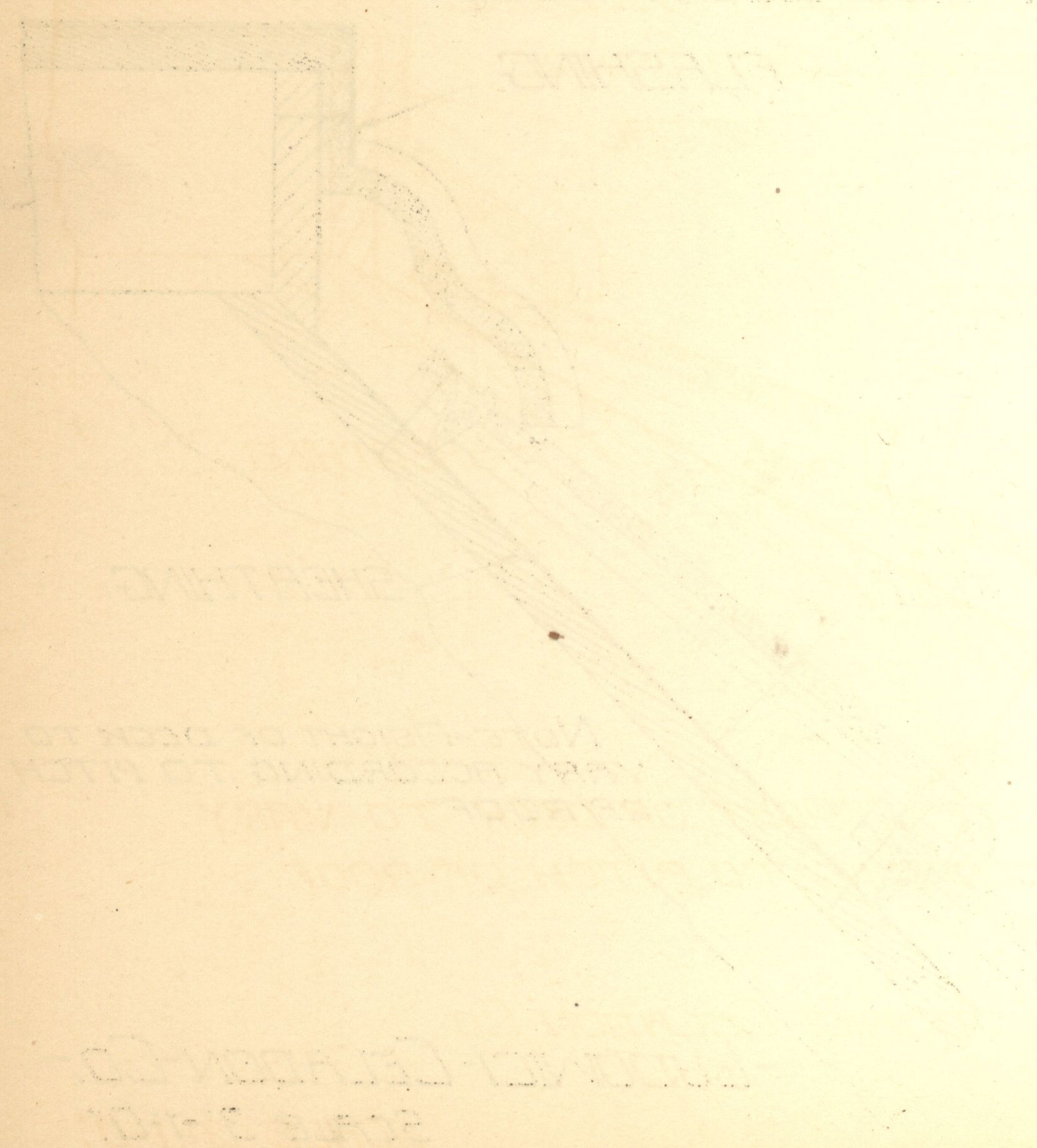
LUDOWICI CELADON CO. SCALE 3"=1'-0."



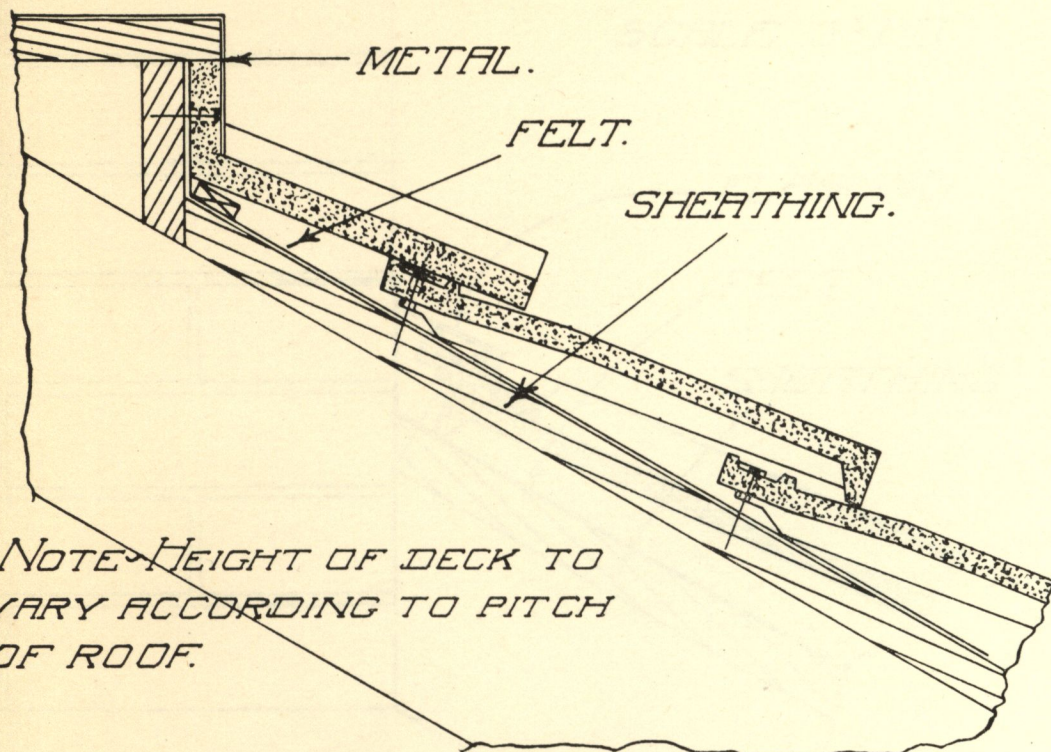
DETAIL OF "IMPERIAL" GERMAN TILE WITH
 N^o 206 DECK MOULD.



Final of General Term in the winter
1925-26



*DETAIL SHOWING DECK CONSTRUCTION FOR
"IMPERIAL" CLOSED SHINGLE TILE AND
No. 203 DECK MOULD.*

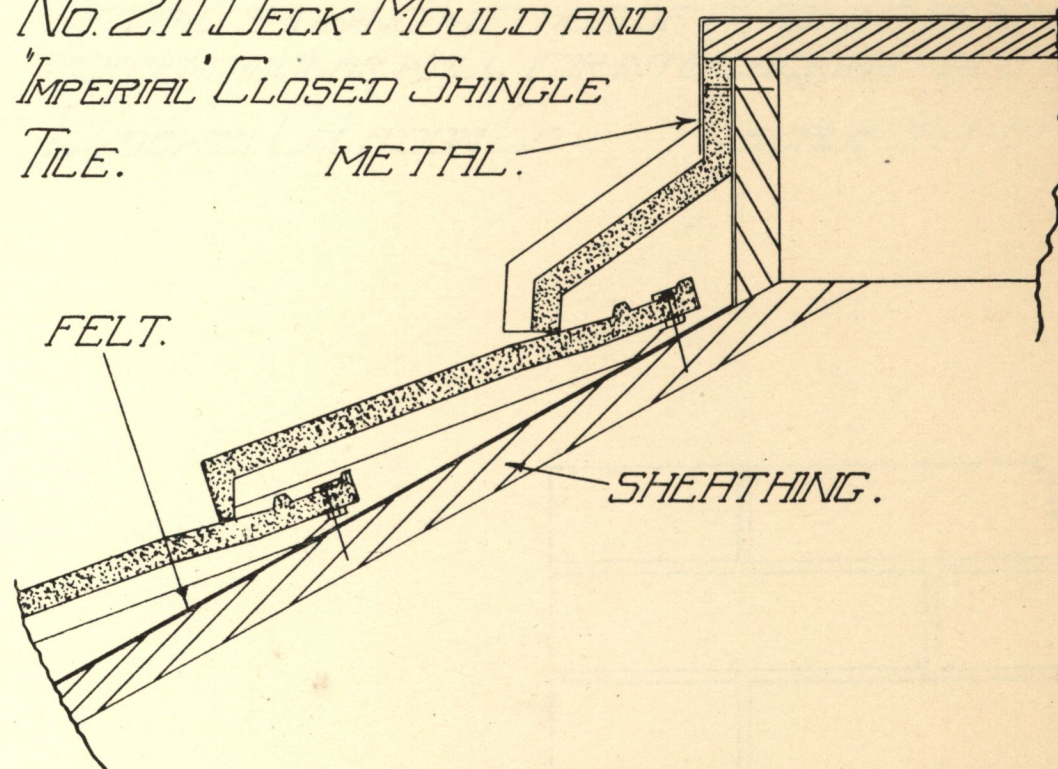


*NOTE - HEIGHT OF DECK TO
VARY ACCORDING TO PITCH
OF ROOF.*

*LUDOWICI CELADON Co.
CHICAGO.*

SCALE 3"-1'-0"

*DETAIL SHOWING DECK CONSTRUCTION FOR
No. 211 DECK MOULD AND
'IMPERIAL' CLOSED SHINGLE
TILE.*



*NOTE - HEIGHT OF DECK TO VARY
ACCORDING TO PITCH OF ROOF.*

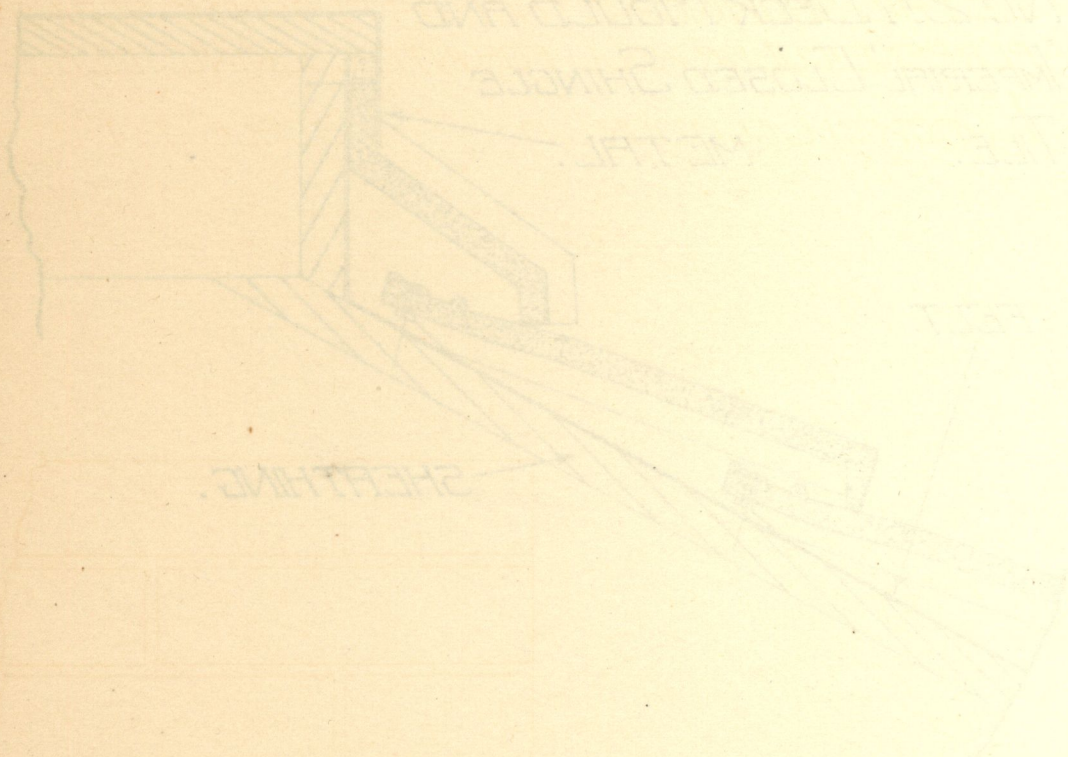
LUDOWICI CELADON Co

SCALE 3'-1'-0"

DETAIL SHOWING DECK CONSTRUCTION FOR
INTERNAL CLOSED SHINGLE TILE AND
NO 200 DECK MOLD

DETAIL SHOWING DECK CONSTRUCTION FOR

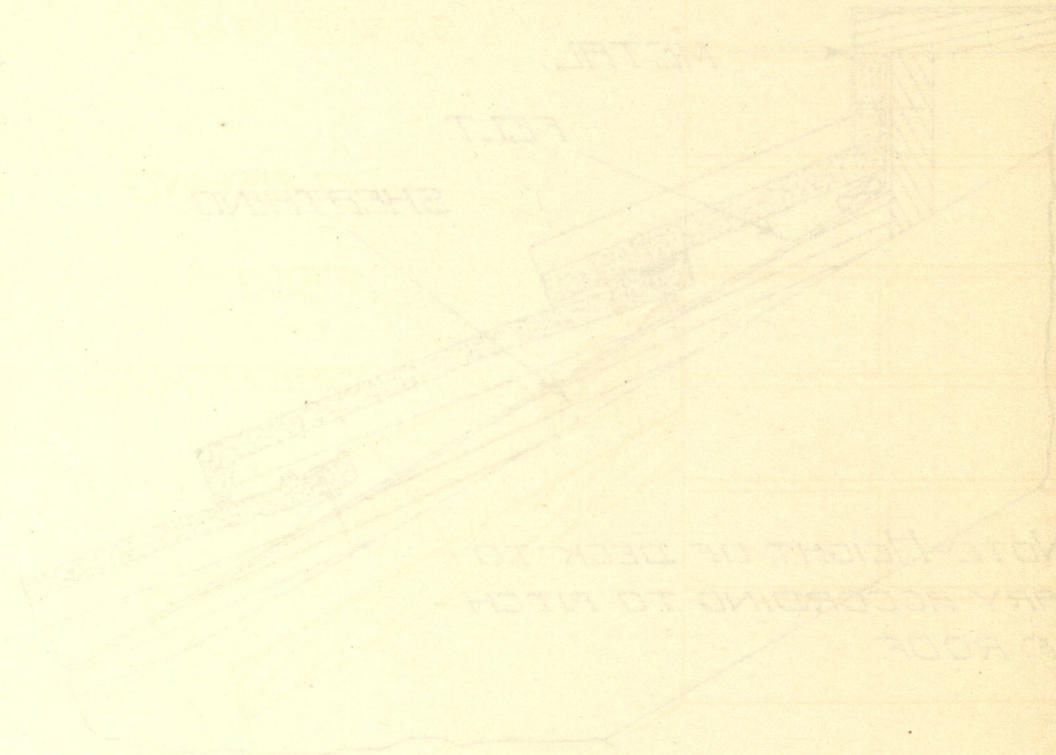
NO 200 DECK MOLD AND
INTERNAL CLOSED SHINGLE



NOTE: HEIGHT OF DECK TO VARY
ACCORDING TO PITCH OF ROOF

LUDWIG & LARSON CO

SCALE 3/4"=1'-0"



NOTE: HEIGHT OF DECK TO
VARY ACCORDING TO PITCH
OF ROOF

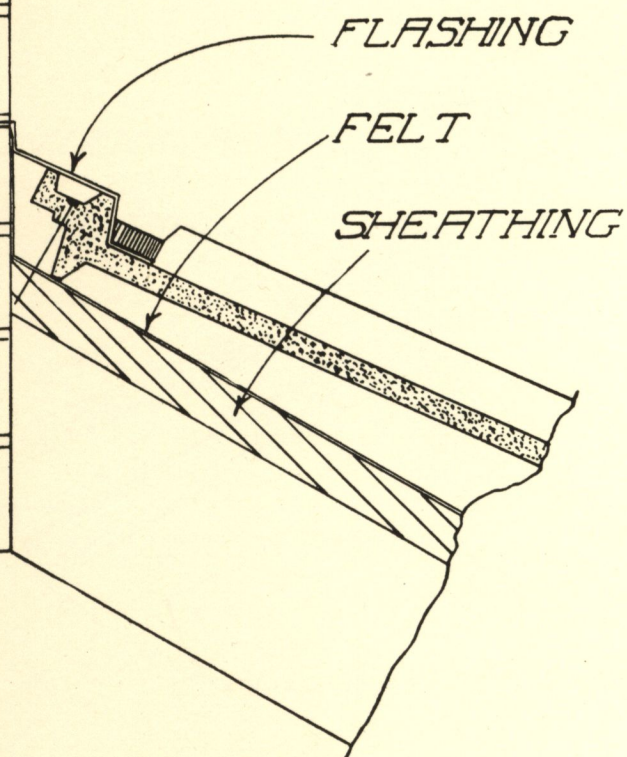
LUDWIG & LARSON CO
CHICAGO

SCALE 3/4"=1'-0"

DETAIL SHOWING METHOD OF
FLASHING AT BASE OF DORMERS
AND AGAINST BRICK WALLS.

LUDOWICI CELADON CO.

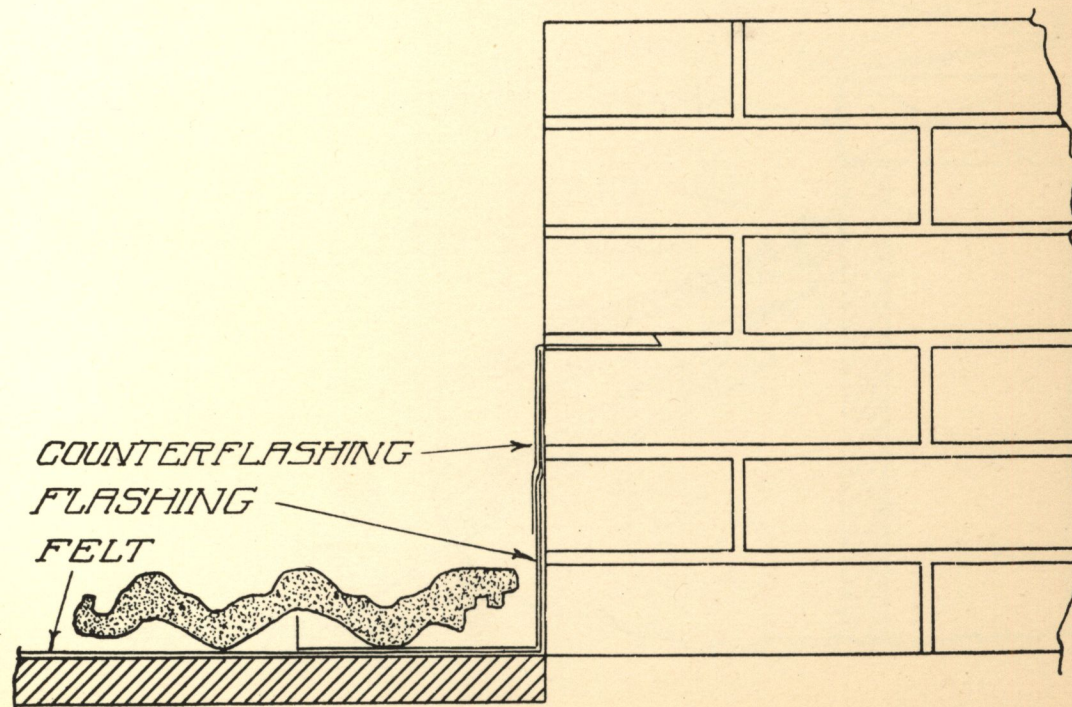
SCALE 3"-1'-0"

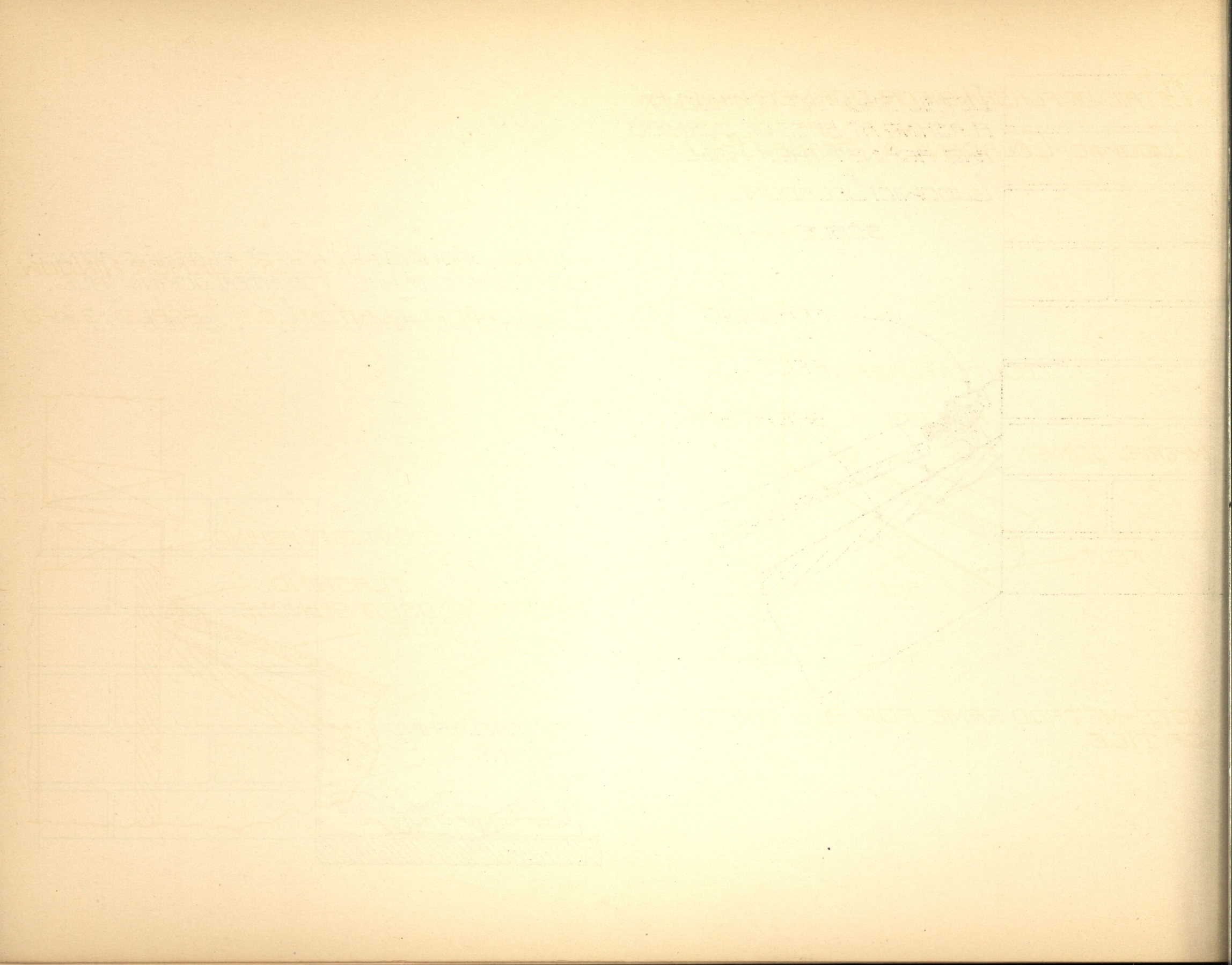


DETAIL SHOWING METHOD OF FLASHING AGAINST
PERPENDICULAR WALL FOR INTERLOCKING TILE

LUDOWICI CELADON CO

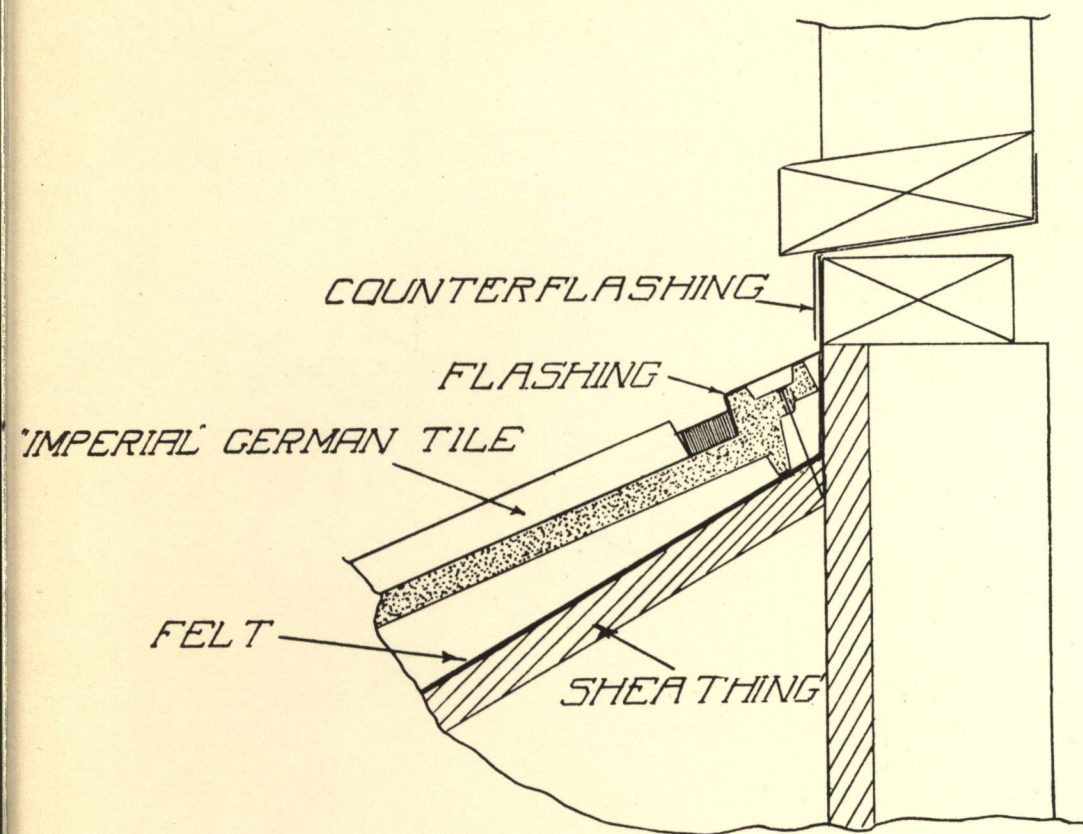
SCALE 3"-1'-0"





DETAIL OF FLASHING FOR DORMER WINDOW.

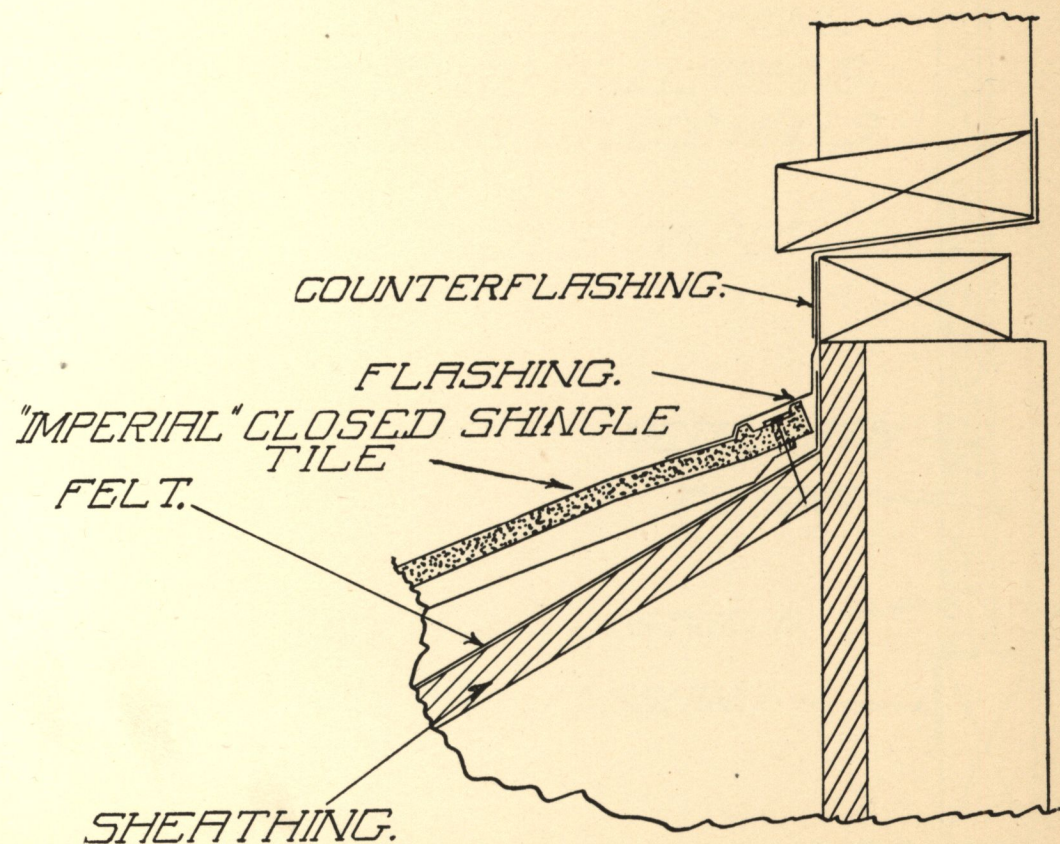
LUDOWICI-CELADON CO SCALE 3"-1'-0"

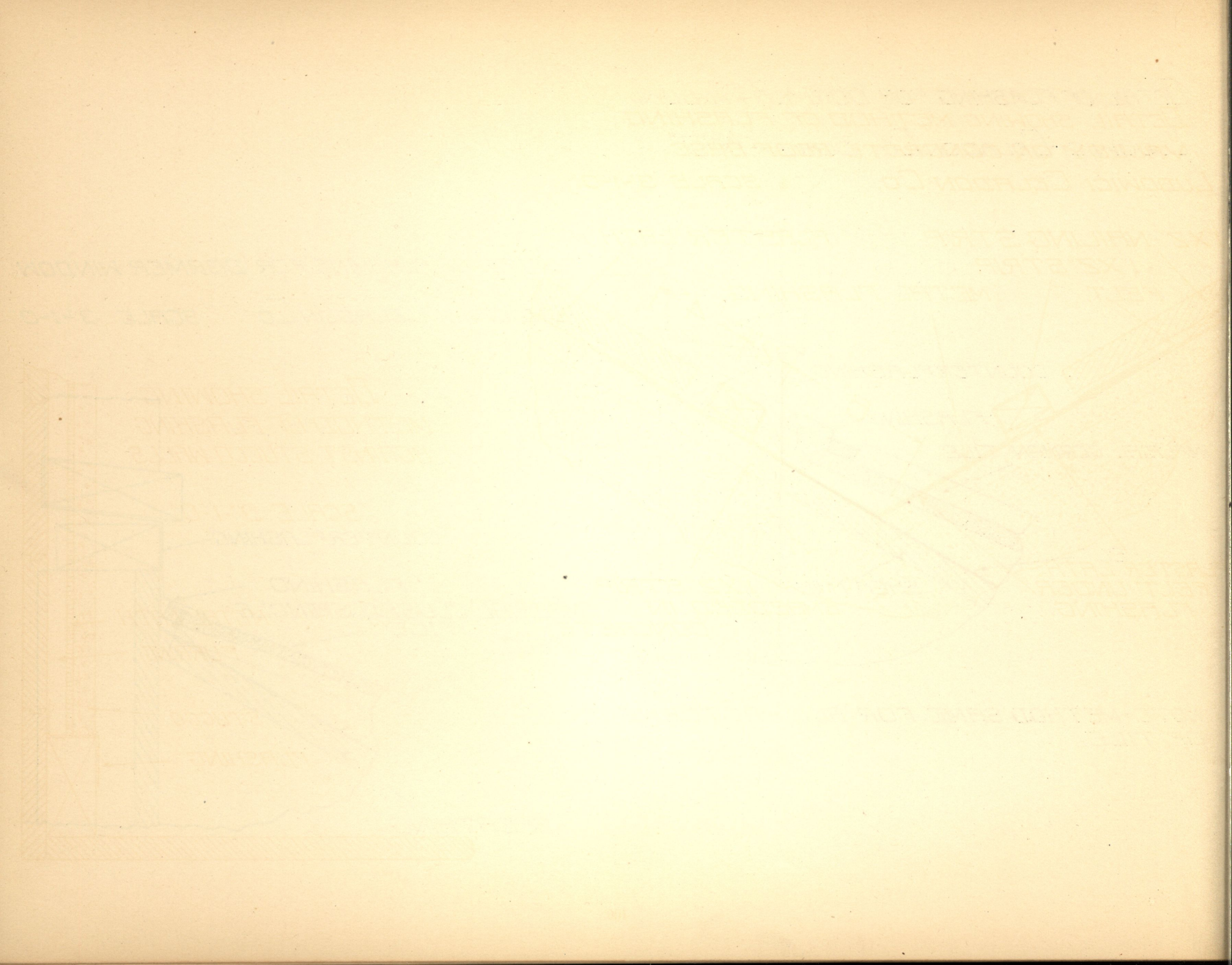


NOTE-METHOD SAME FOR ALL PATTERNE OF TILE.

DETAIL OF FLASHING FOR DORMER WINDOW.

LUDOWICI CELADON CO. SCALE 3"-1'-0"

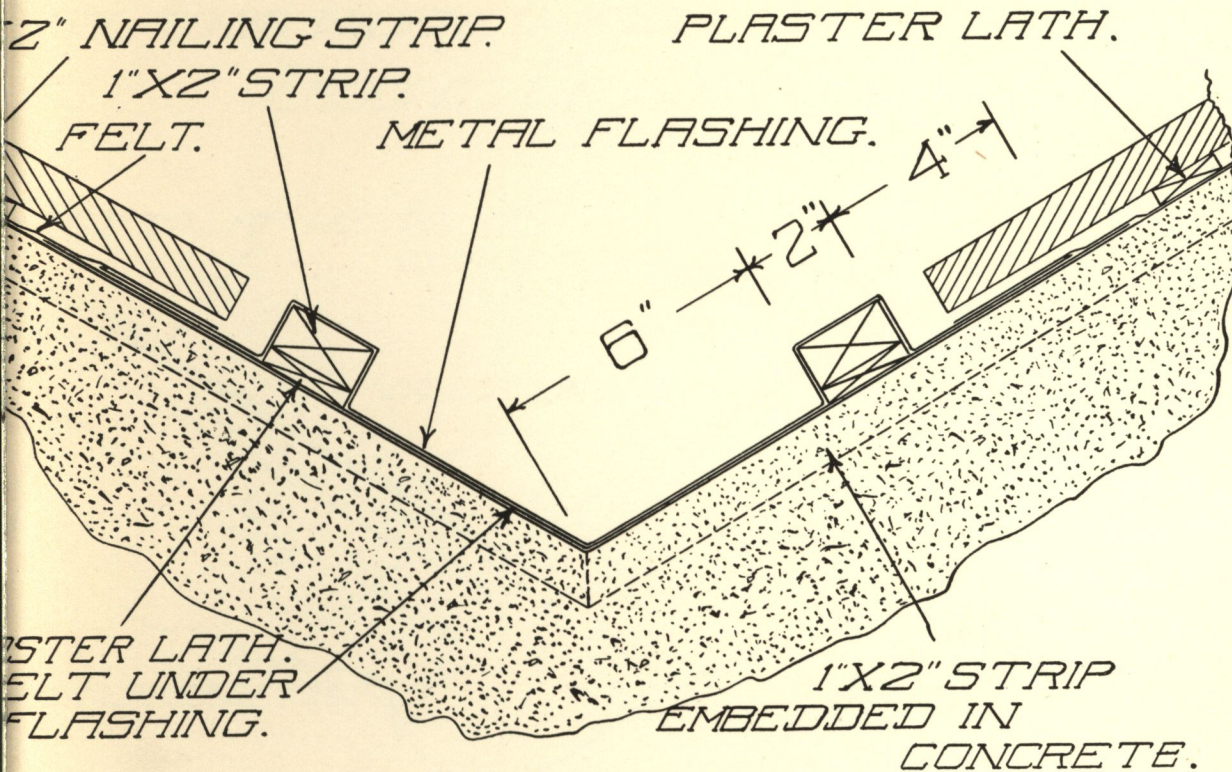




DETAIL SHOWING METHOD OF FLASHING
VALLEY ON CONCRETE ROOF BASE.

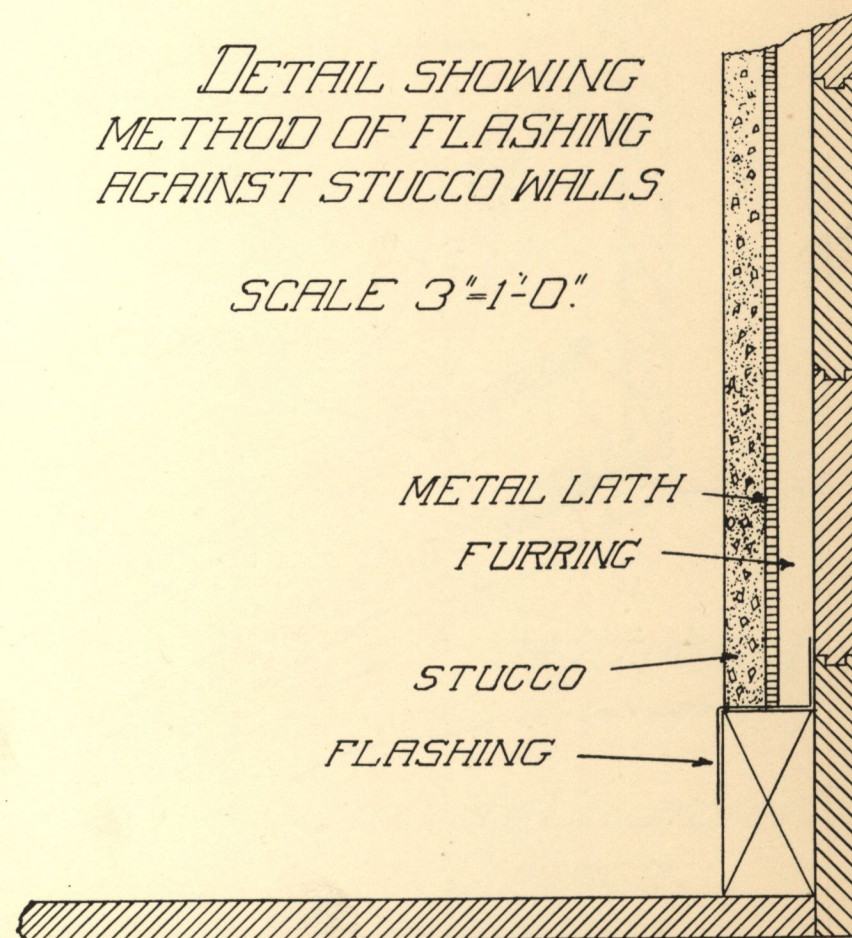
UDOWICI CELADON Co.

SCALE 3"=1'-0."



DETAIL SHOWING
METHOD OF FLASHING
AGAINST STUCCO WALLS

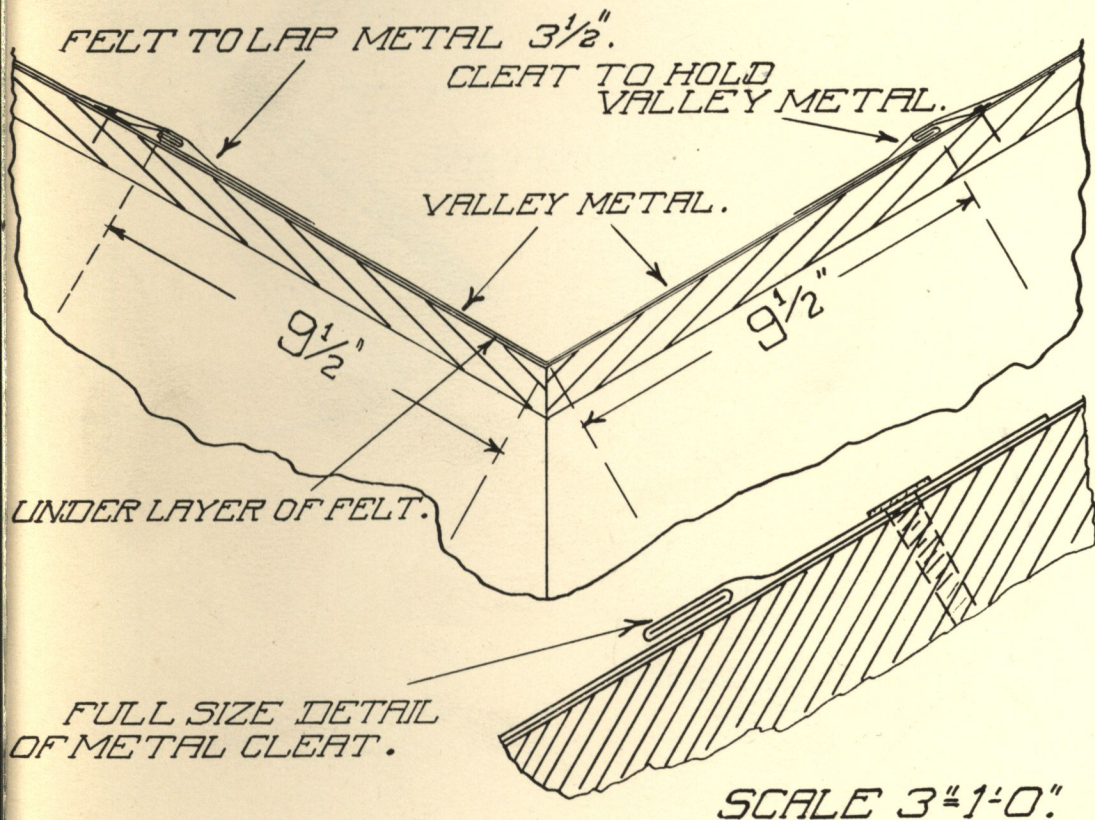
SCALE 3"=1'-0."



DETAIL OF VALLEY METAL.

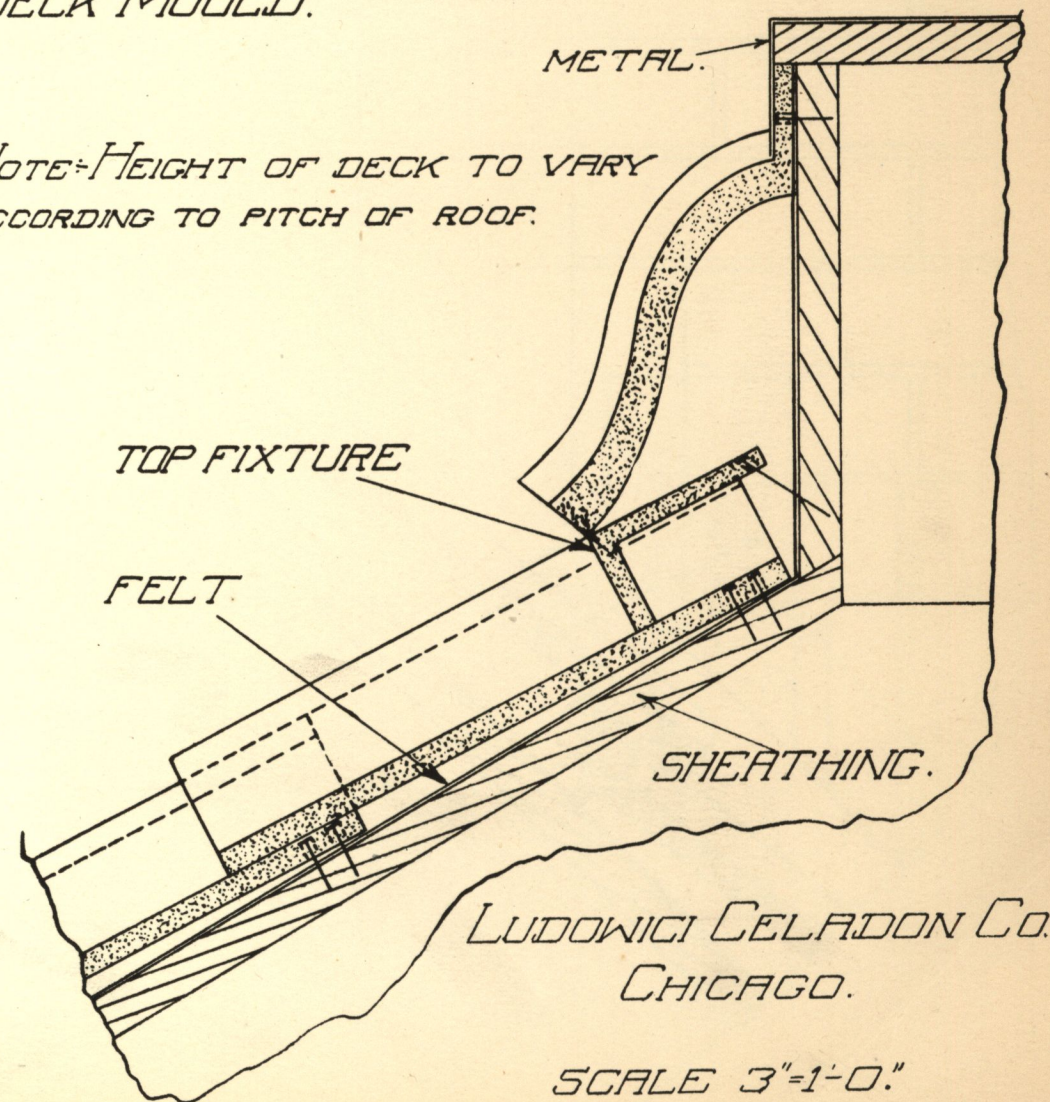
MINIMUM WIDTH OF METAL 20 INCHES.
VALLEYS MORE THAN 20 FT. LONG OR
WHEN DISCHARGE OF WATER GREAT
METAL TO BE WIDENED ACCORDINGLY.

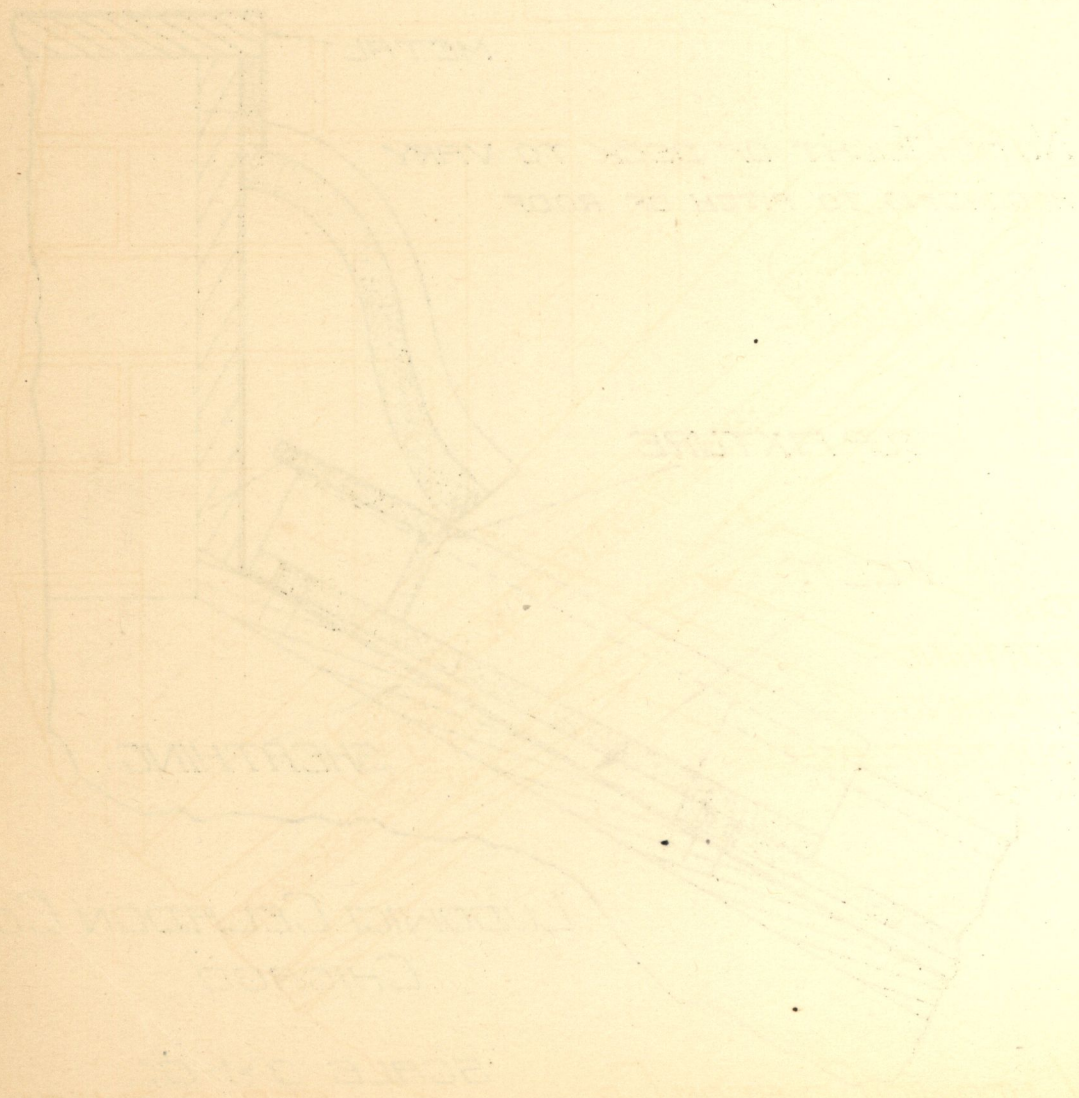
LUDOWICI CELADON Co.



DETAIL SHOWING DECK CONSTRUCTION FOR "IMPERIAL" SPANISH TILE AND No. 213 DECK MOULD.

NOTE: HEIGHT OF DECK TO VARY
ACCORDING TO PITCH OF ROOF.





DETAIL SHOWING METHOD OF
FLASHING INTERLOCKING TILE IN
CONNECTION WITH SIDING TILE.

LUDOWICI CELADON CO.
FELT

FLASHING

FELT

SHEATHING

SCALE 3"=1'-0"

DETAIL SHOWING METHOD OF FLASHING AGAINST
PERPENDICULAR WALLS FOR INTERLOCKING & SPANISH
TILES.

FELT.

SHEATHING

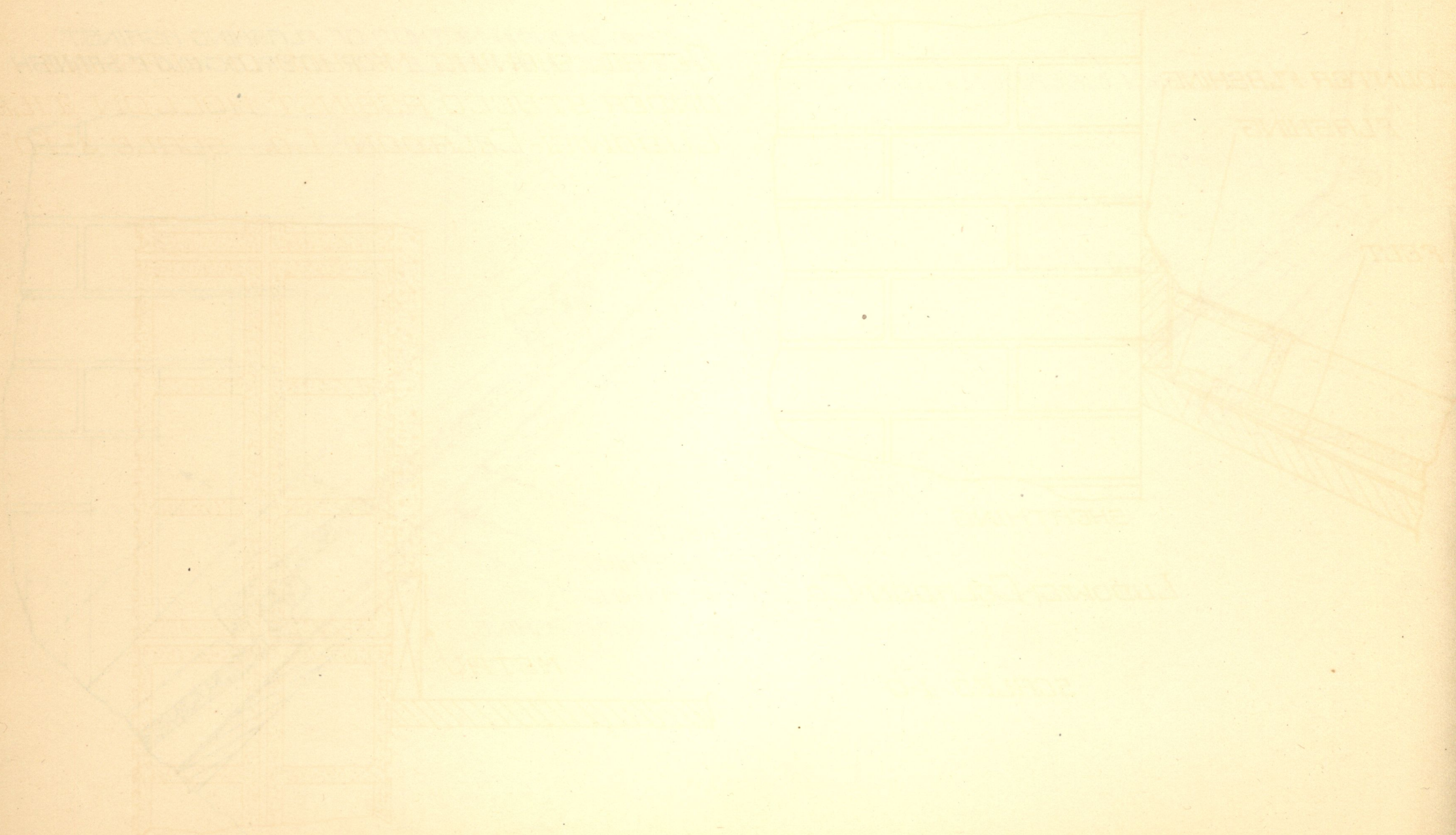
FLASHING.

COUNTERFLASHING

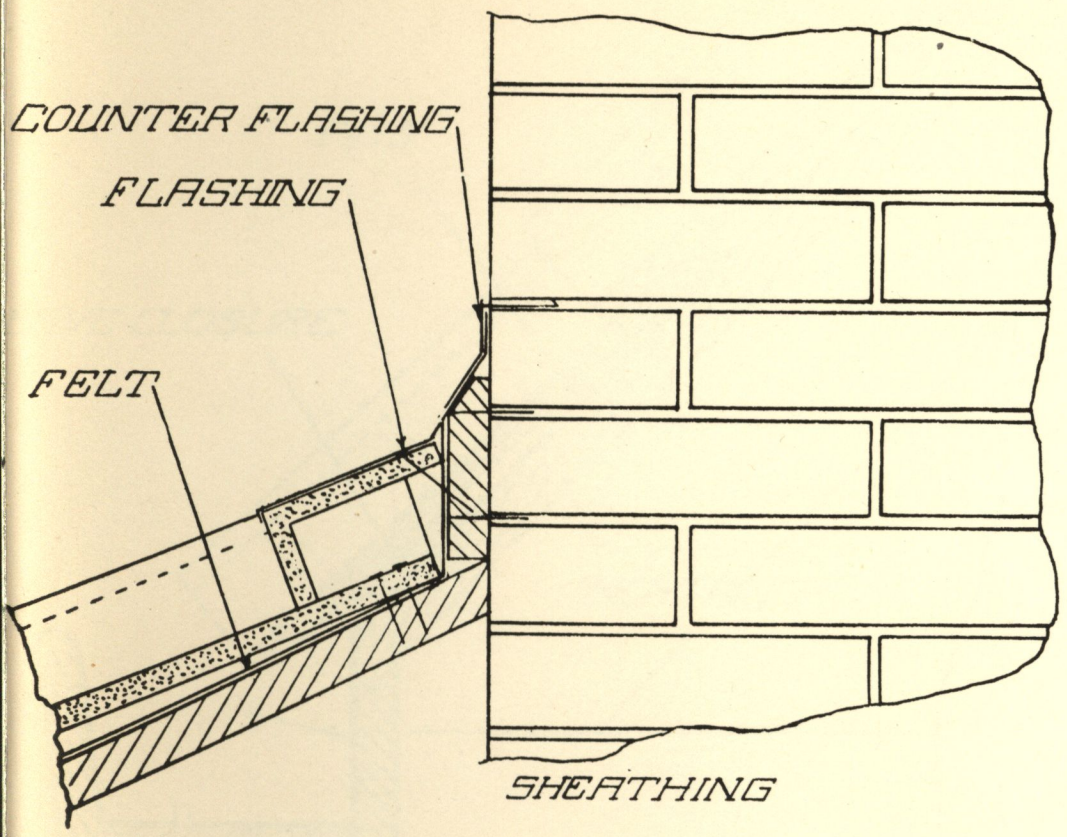
LUDOWICI CELADON CO.

SCALE 3"=1'-0"

THE SHOWN METHOD OF PLANNING
OF THE SHOWN THE METHOD
OF THE SHOWN



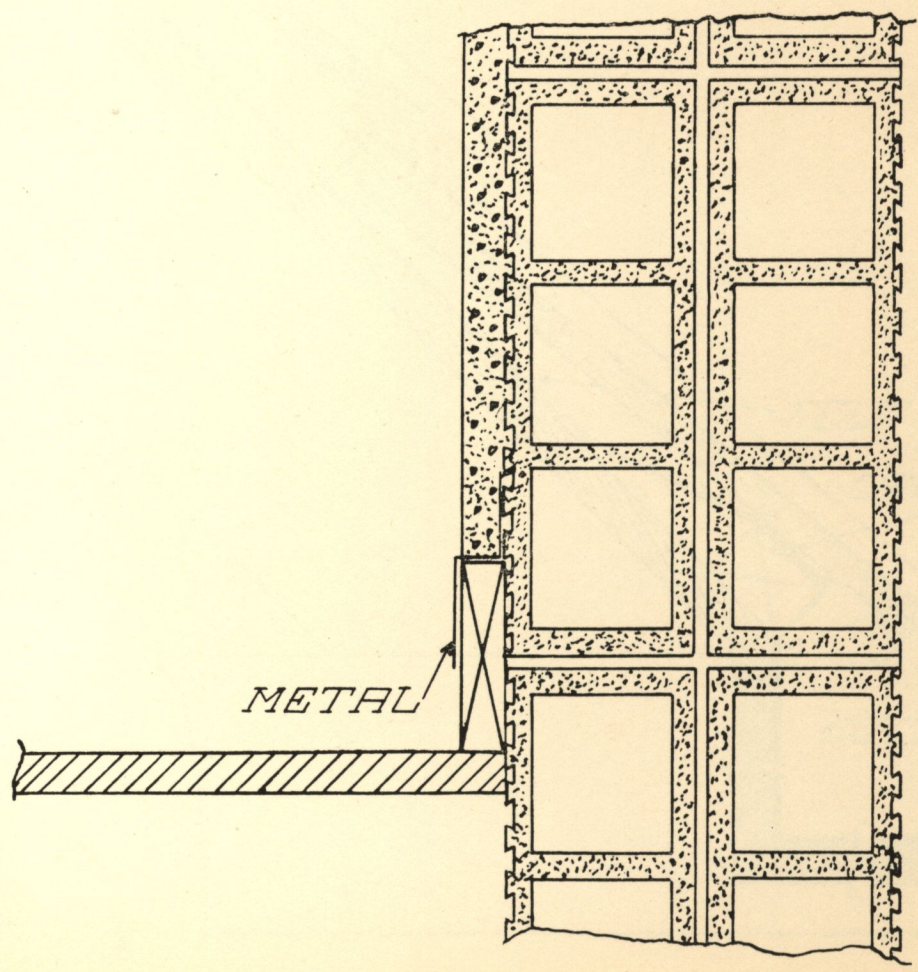
*DETAIL SHOWING METHOD OF FLASHING TOP
OF IMPERIAL SPANISH TILE AGAINST
BRICK WALLS*



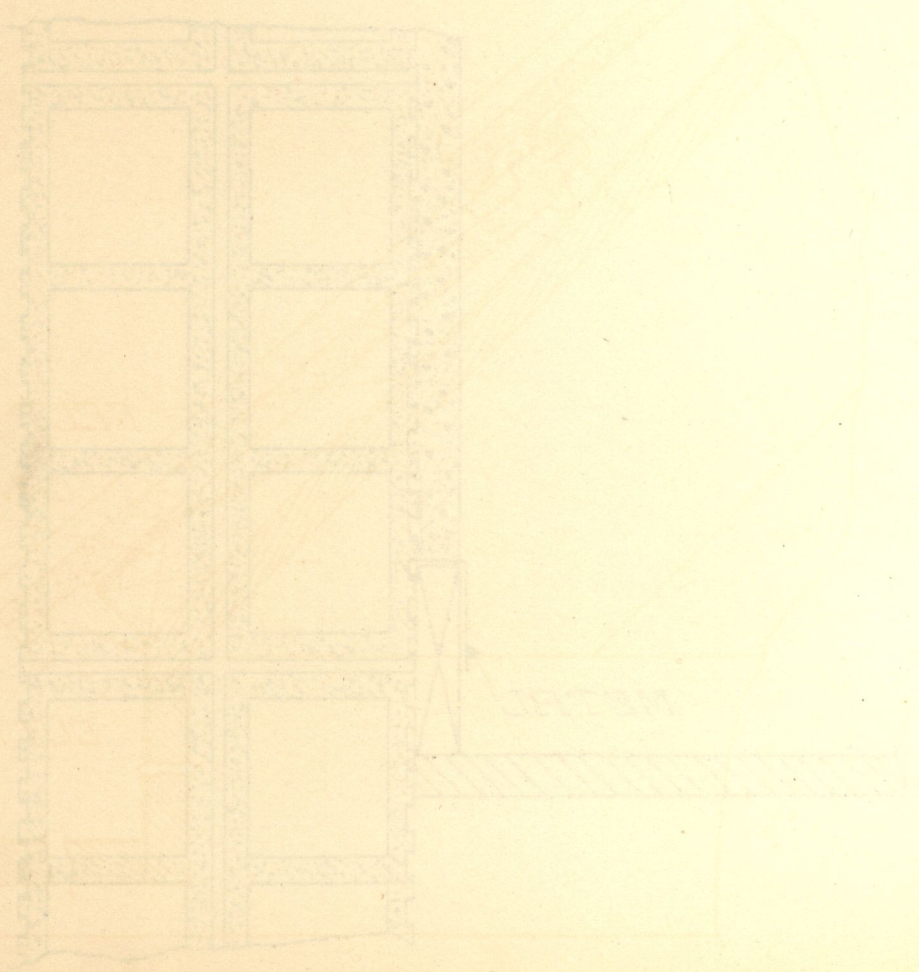
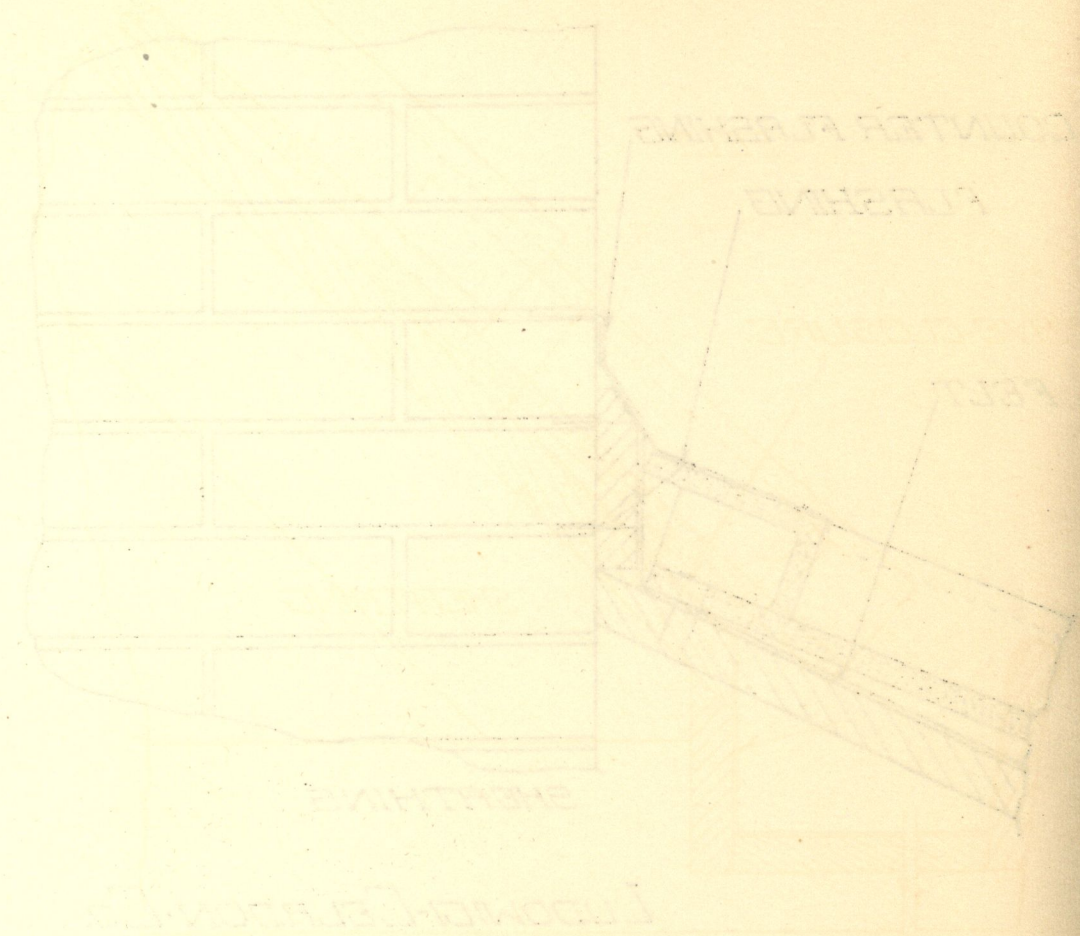
LUDOWICI-CELADON Co.

SCALE 3" 1'-0"

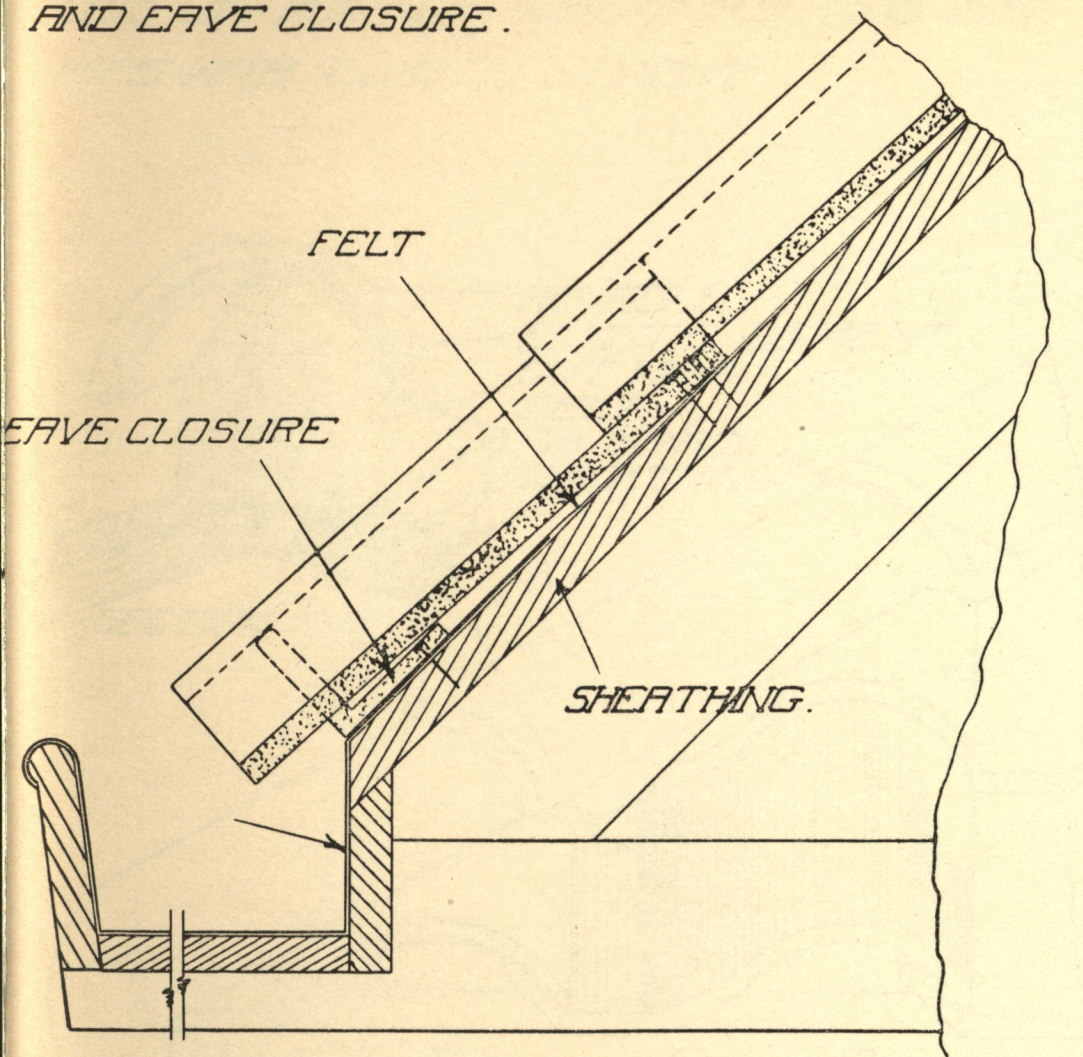
*DETAIL SHOWING METHOD OF FLASHING
UNDER STUCCO AGAINST HOLLOW TILE
LUDOWICI-CELADON Co. SCALE 3"-1'-0"*



THE ABOVE METHOD OF FLASHING TOP
 OF ROOFING AGAINST THE WALLS
 OF BRICK WALLS



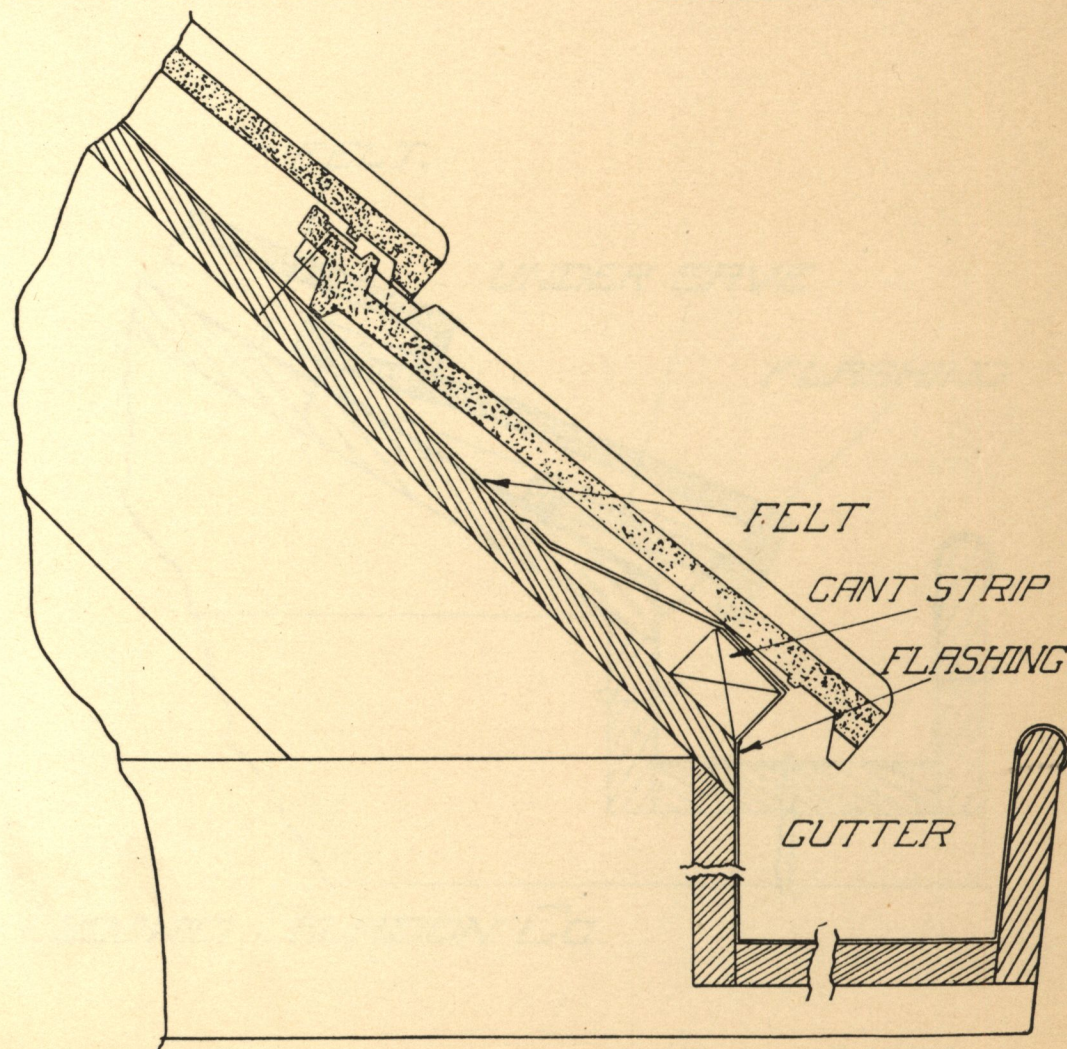
DETAIL THRU GUTTER SHOWING GUTTER
FLASHING WITH "IMPERIAL" SPANISH TILE
AND EAVE CLOSURE.



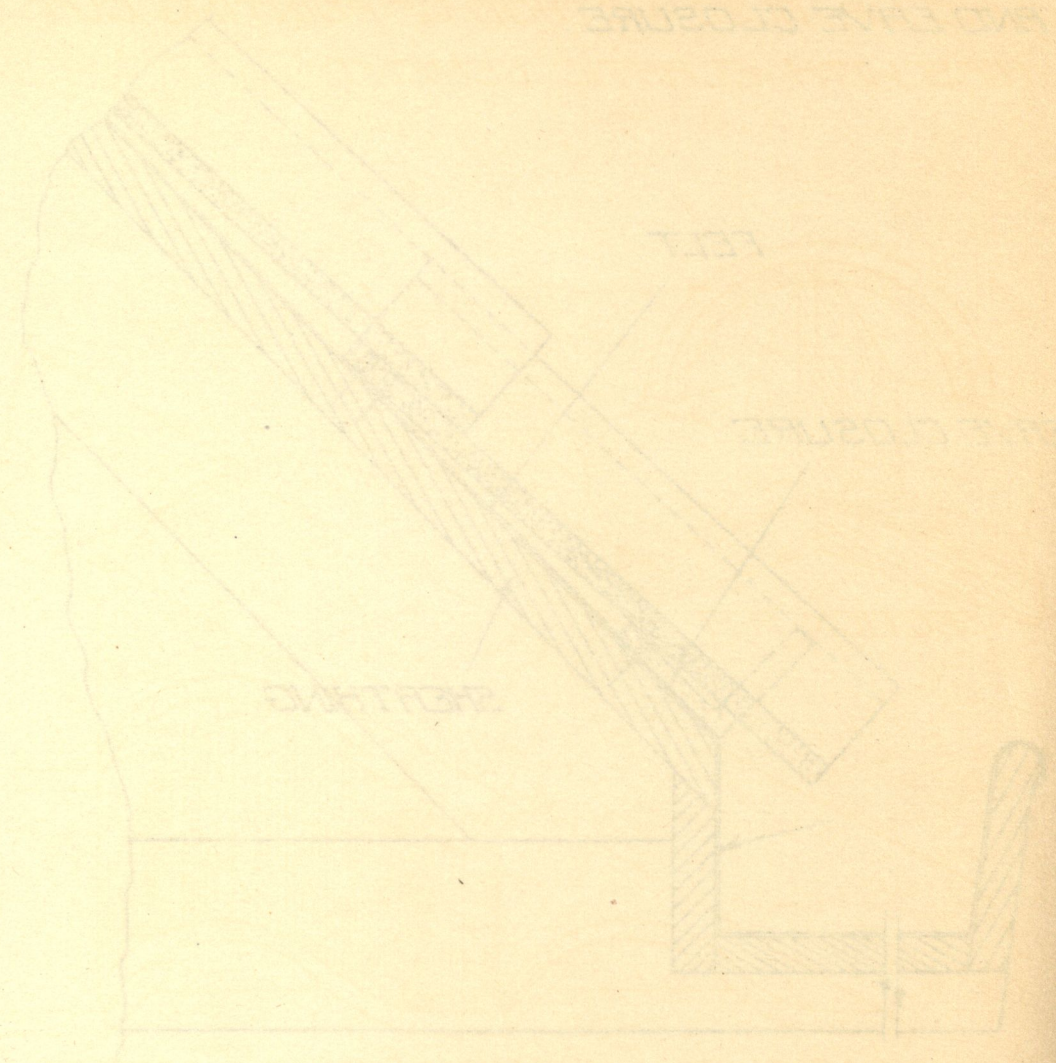
LUDOWICI CELADON CO.

SCALE 3"=1'-0"

DETAIL THRU GUTTER SHOWING CANT STRIP AND
GUTTER METAL UNDER "IMPERIAL" GERMAN TILE.
LUDOWICI CELADON CO SCALE 3"=1'-0"

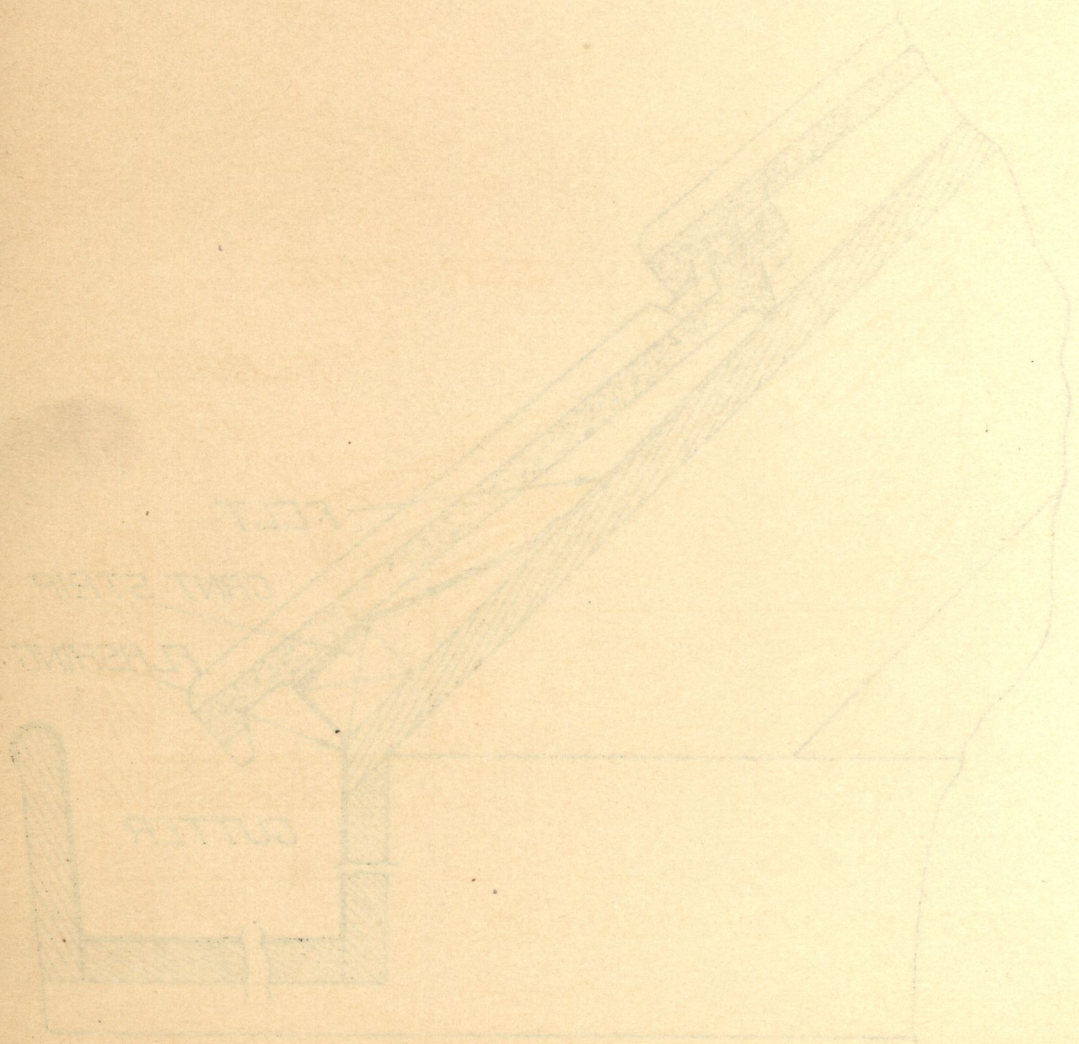


DETAIL FROM CUTTER SHOWING CUTTER
 PLASSED WITH IMPERIAL BRANISH TIE
 AND EAVE CLOSURE

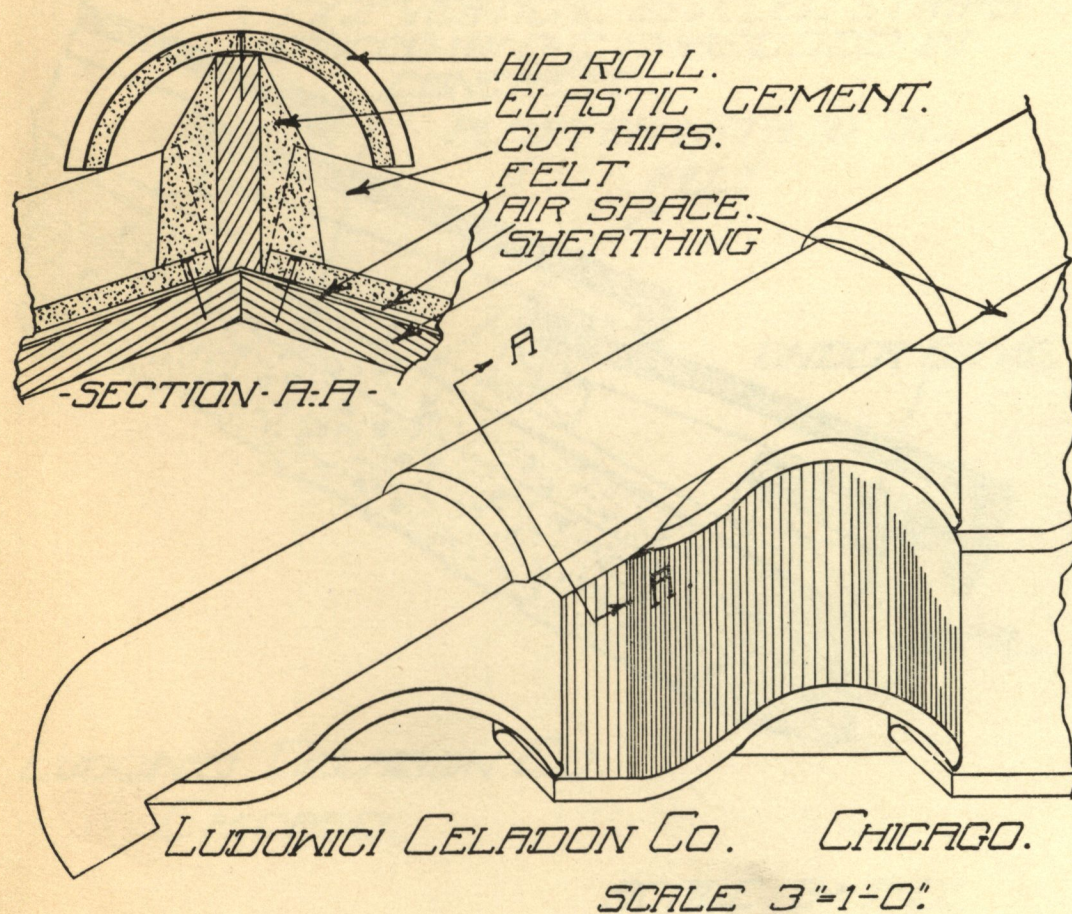


SCALE 3/4" = 1'-0"

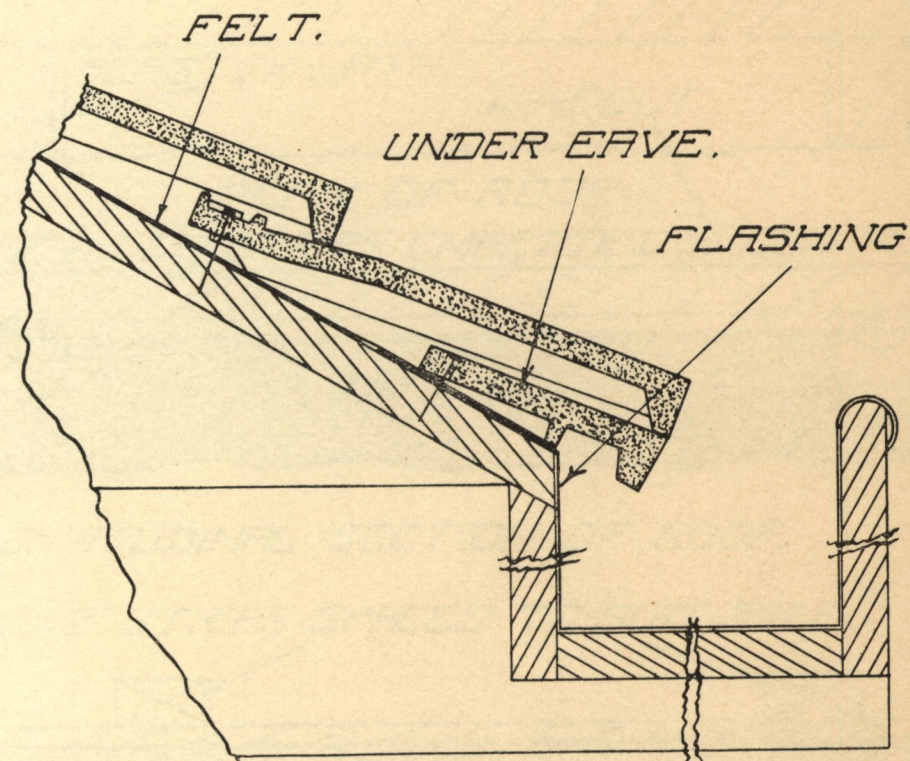
DETAIL FROM CUTTER SHOWING CHANT STRIP AND
 CUTTER METAL UNDER IMPERIAL BRANISH TIE
 L. DOWDY & SONS CO



DETAIL SHOWING APPEARANCE OF "IMPERIAL"
SPANISH TILE AND No.102 Hip Roll WHEN
LAID UP, ALSO METHOD OF POINTING CUT
HIPS WITH ELASTIC CEMENT

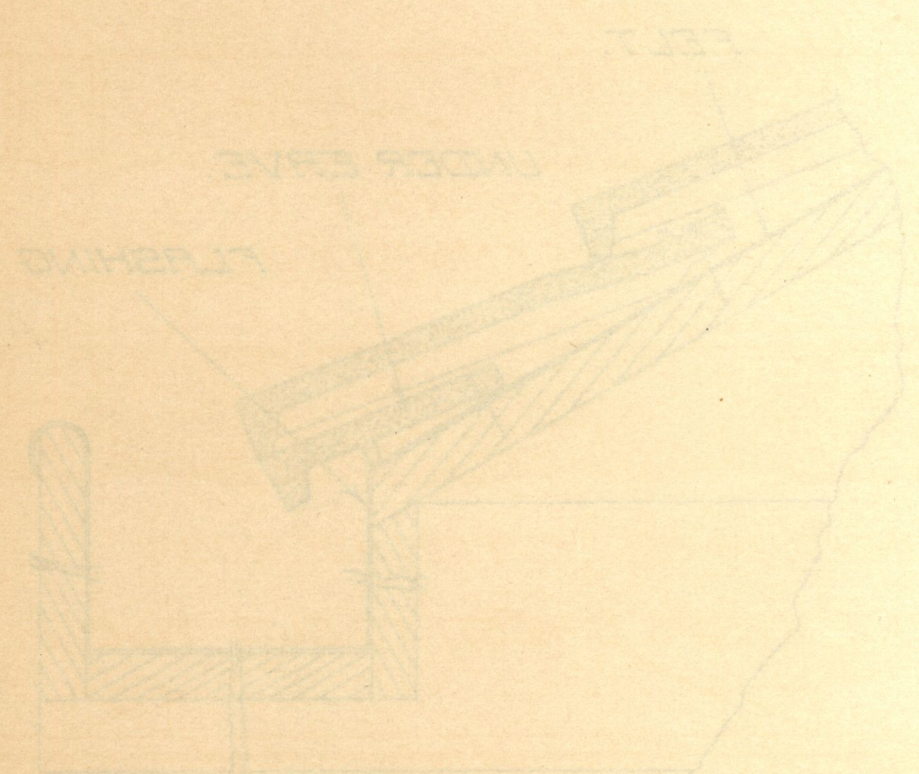


DETAIL THRU GUTTER SHOWING GUTTER
FLASHING WITH "IMPERIAL" CLOSED SHINGLE
TILE AND UNDER EAVE.



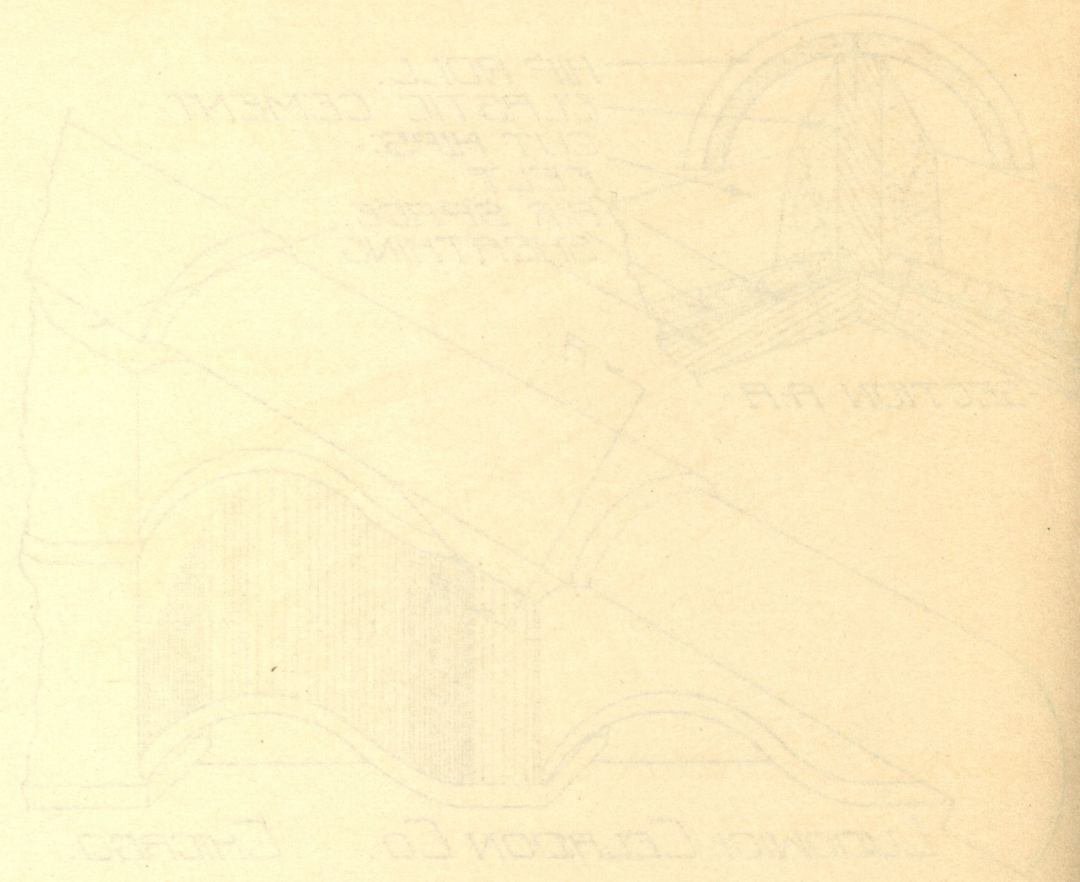
Detail showing appearance of interior
 showing the inside of the door when
 closed. Also method of painting cut
 lips with elastic cement.

Detail thru gutter showing gutter
 flashing with internal closed channel
 top and under flange.



Carson Co.

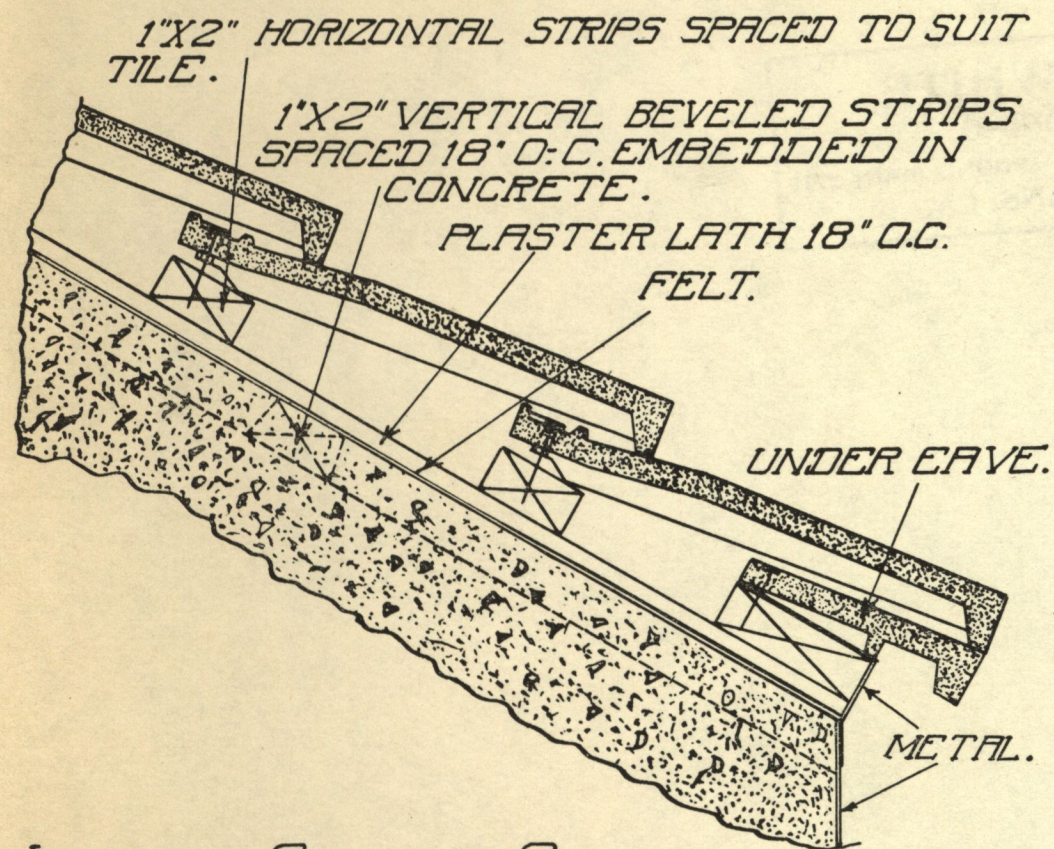
Scale 3/4" = 1'



Carson Co.

Scale 3/4" = 1'

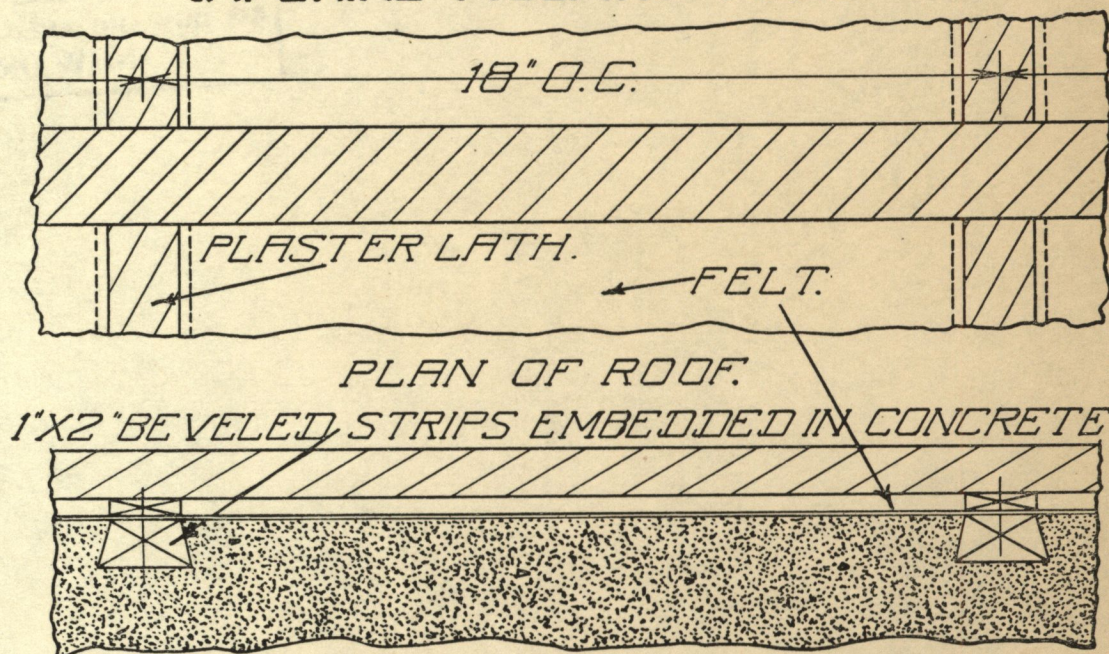
DETAIL SHOWING METHOD OF SPACING
STRIPS ON CONCRETE ROOF BASE FOR
"IMPERIAL" CLOSED SHINGLE TILE.



LUDOWICI CELADON Co.
CHICAGO.

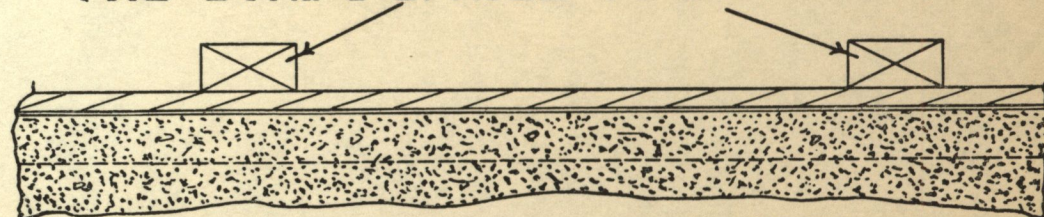
SCALE 3"-1'-0."

DETAIL SHOWING METHOD OF SPACING
STRIPS ON CONCRETE ROOF BASE FOR
"IMPERIAL" ROOFING TILES



LONGITUDINAL SECTION OF ROOF.

1"X2" STRIPS SPACED TO SUIT TILE.



CROSS SECTION OF ROOF.

LUDOWICI CELADON Co. SCALE-3"-1'-0."

HORACE WHITE,
TILE ROOFING
848 HOWARD AVE. PHONE MAIN 2771
NEW ORLEANS, LA.

